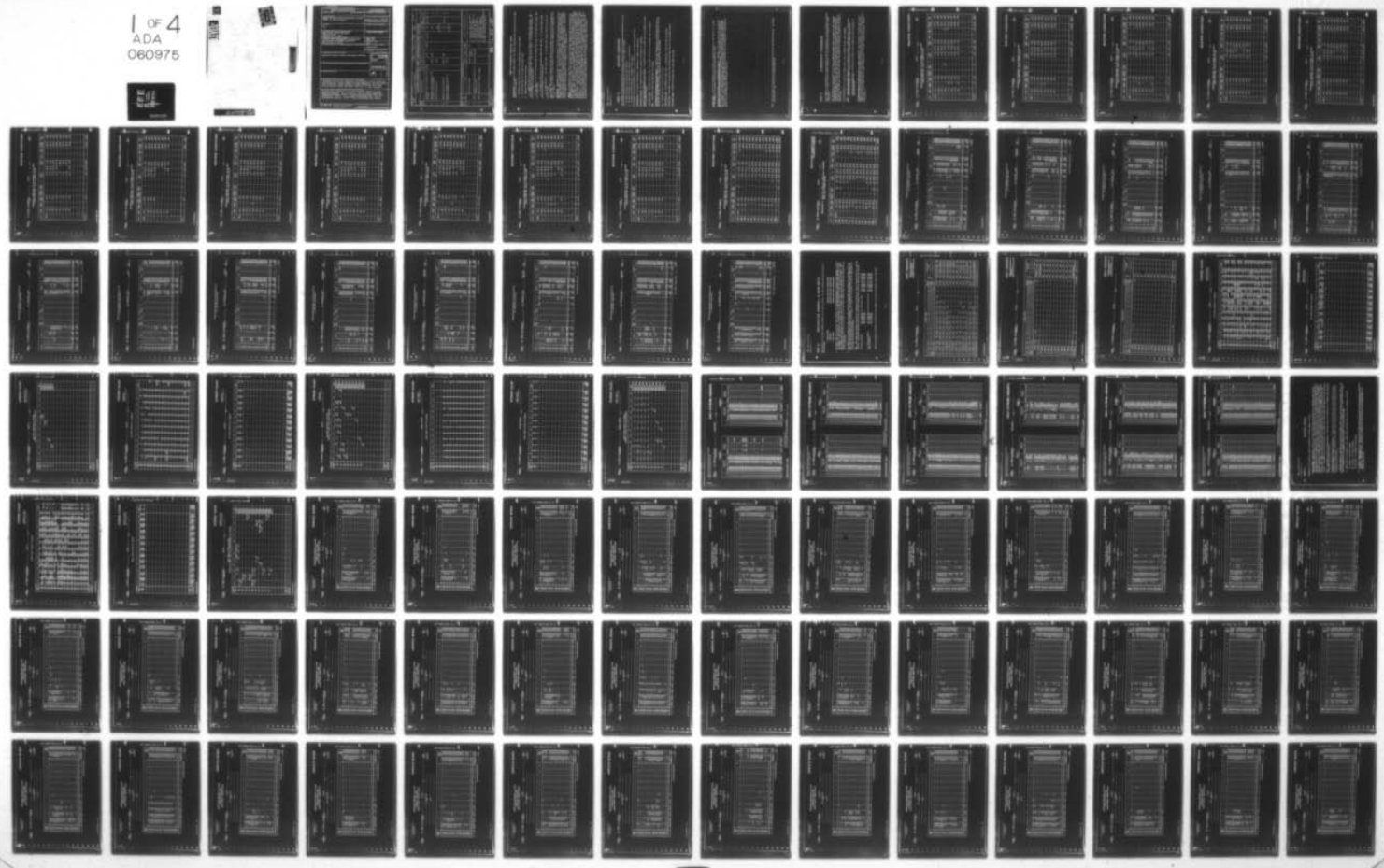
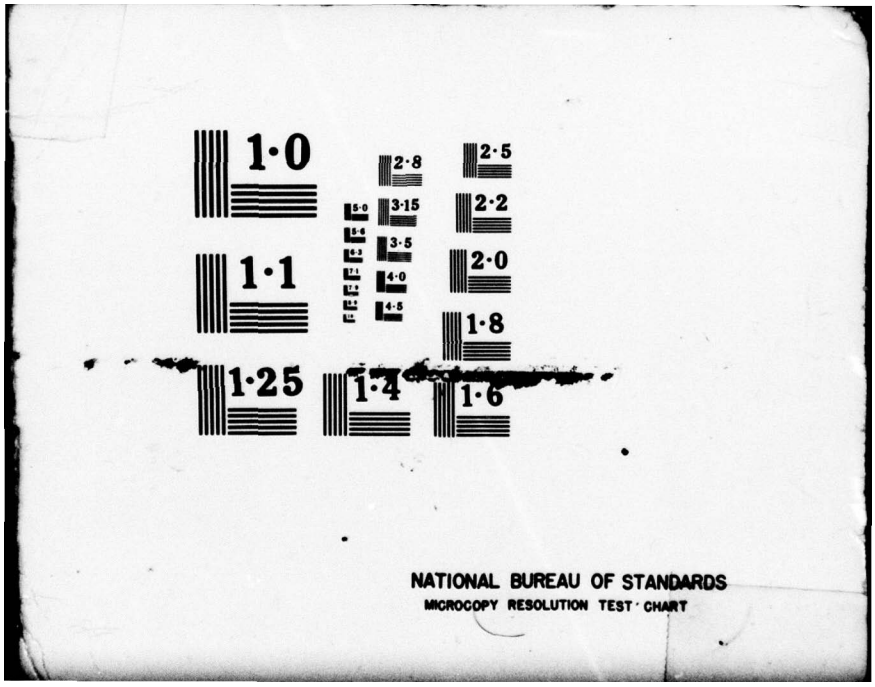
AD-A060 975 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) EL TORO,--ETC(U)
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MICROCOPY RESOLUTION TEST CHART


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SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

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20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*
This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE
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SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
93101	El Toro, California	33°40'N	117°44'W	383	KNZJ	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Aerological office (southwest side of field)	MCAS		1955	33°40'N	117°44'W	355	Mercurial	24
2.	Aerological office (northeast side of field in tower building)	"	1955	1958	"	"	380	"	24
3.	Room 102, building 372	"	1958		"	"	380 Above Grd 21	"	24
1a.	Mounted on wall in Room 102	"	Unknown	1965	"	"	383	Aneroid	24
1b.	Mounted in AN/GMQ-14 console in room 102, building 372	"	1965		"	"	382 Above Grd 23	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.		Atop control tower	Selsyn	Double register	59'	1. Aneroid barometer (ML-448/UM) 2. Barograph (Aero 1932) 3. Semi-auto Met sta AN/GMQ-14(A) 4. Ceiling light (ML-121) 5. Cloud height set AN/GMQ-13 6. Theodolite (ML-247) 7. Transmissometer AN/GMQ-10 8. Weather vision AN/GMQ-19(V) 9. Gage, Precipitation(ML-558/GMQ-14) 10. Gage, Precipitation (ML-217)
2.	1958	Northeast of the intersection of runways 34 and 25	AN/UMQ-5	RD-108B		
3.	1965	Same location, change in height			9'	

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).

2. All available data will be used for extreme values.

3. Summarize (update) every five years.

   a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.

   b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.

   c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.

   d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building

Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		8.4				8.4	12.3	2.6			13.0	154
	04		5.8				5.8	11.6	3.2			13.5	155
	07		6.5				6.5	13.5	5.2			16.1	155
	10		7.7		.6		7.7	9.7	11.0		.6	17.4	155
	13	.6	6.5				6.5	4.5	16.1		.6	21.3	155
	16	.6	5.2				5.2	3.2	20.6			23.2	155
	19		5.8				5.8	5.2	7.7			11.6	155
	22	.6	5.2				5.2	11.0	5.2			14.2	155
TOTALS		.2	6.4		.1		6.4	8.9	9.0		.2	16.3	1239

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5701 WEATHER CONDITIONS JAN [redacted]8

WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01		7.8				7.8	16.3	2.8			17.7	141
	04		9.2				9.2	16.3	2.8			18.4	141
	07		5.0				5.0	18.4	4.3			22.0	141
	10	.7	8.5				8.5	12.1	16.3			24.1	141
	13	.7	7.8				7.8	1.4	22.0			23.4	141
	16		9.2				9.2	5.0	13.5			18.4	141
	19		5.7				5.7	4.3	8.5			10.6	141
	22		6.4				6.4	12.8	4.3			15.6	141
TOTALS		.2	7.5				7.5	10.8	9.3			18.8	1128

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5701 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		7.7				7.7	6.5	.6			6.5	155
	04		4.5				4.5	7.7	.6			7.7	155
	07		12.3				12.3	19.4	4.5			21.9	155
	10	.6	9.0				9.0	8.4	11.6			17.4	155
	13		4.5				4.5	1.3	16.1			17.4	155
	16		3.9				3.9		8.4			8.4	155
	19		5.2				5.2	.6	2.6			3.2	155
	22	1.3	6.5				6.5	4.5	1.3			5.8	155
TOTALS		.2	6.7				6.7	6.1	5.7			11.0	1240

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WEATHER CONDITIONS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		4.7				4.7	13.3	4.7			16.7	150
	04		2.7				2.7	13.3	4.7			16.7	150
	07		5.3				5.3	14.0	13.3			24.7	150
	10		3.3				3.3	4.7	20.7			24.0	150
	13		1.3				1.3		18.7			18.7	150
	16		2.7				2.7	1.3	14.7			16.0	150
	19		4.0				4.0	2.0	9.3			10.7	150
	22		4.7				4.7	4.0	6.7			10.0	150
TOTALS			3.6				3.6	6.6	11.6			17.2	1200

5701 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		7.7				7.7	19.4	.6			20.0	155
	04		11.0				11.0	24.5	1.3			24.5	155
	07		9.0				9.0	36.8	10.3			43.2	155
	10		2.6				2.6	5.8	36.8			38.1	155
	13		3.2				3.2	.6	29.7			29.7	155
	16		1.3				1.3	.6	23.9			23.9	155
	19		2.6				2.6	2.6	19.4			20.6	155
	22		5.8				5.8	11.6	5.2			14.2	155
TOTALS			5.4				5.4	12.7	15.9			26.8	1240

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WEATHER CONDITIONS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		4.7				4.7	18.0	4.7			22.7	150
	04		7.3				7.3	30.0	4.0			32.7	150
	07		8.7				8.7	44.0	27.3			65.3	150
	10		1.3				1.3	6.0	50.7			53.3	150
	13		.7				.7		38.0			38.0	150
	16		1.3				1.3		26.7			26.7	150
	19		1.3				1.3		21.3			21.3	150
	22		2.0				2.0	8.0	8.7			15.3	150
TOTALS			3.4				3.4	13.3	22.7			34.4	1200

5701 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		1.3				1.3	11.6	8.4			16.1	155
	04		1.9				1.9	23.2	10.3			29.0	155
	07		1.3				1.3	38.1	39.4			65.8	155
	10		2.6				2.6	2.6	49.0			50.3	155
	13								35.5			35.5	155
	16								25.8			25.8	155
	19							.6	14.8			14.8	155
	22							3.2	5.2			7.7	155
TOTALS			.9				.9	9.9	23.6			30.6	1240

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5701 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01		1.9				1.9	20.0	7.7			24.5	155
	04		1.9				1.9	36.1	6.5			38.1	155
	07		4.5				4.5	56.8	26.5			71.0	155
	10		.6				.6	7.1	56.8			58.7	155
	13	.6	1.3				1.3	1.3	45.8			47.1	155
	16		1.3				1.3	1.3	31.6			32.9	155
	19		1.3				1.3	2.6	18.7			20.0	155
	22		1.3				1.3	2.6	5.2			7.1	155
TOTALS		.1	1.8				1.8	16.0	24.9			37.4	1240

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5701 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		3.3				3.3	18.7	8.0			26.7	150
	04		4.7				4.7	27.3	11.3			36.7	150
	07		7.3				7.3	42.7	30.7			62.7	150
	10		2.0				2.0	8.0	50.7		.7	56.0	150
	13		1.3				1.3	2.0	48.0			49.3	150
	16	.7	2.0				2.0		31.3			31.3	150
	19		2.0				2.0	4.0	16.7			18.7	150
	22		3.3				3.3	10.0	10.7			19.3	150
TOTALS		.1	3.2				3.2	14.1	25.9		.1	37.6	1200

WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		.6				.6	21.3	12.9			31.6	155
	04		3.9				3.9	27.7	15.5			39.4	155
	07		5.2				5.2	34.8	21.9			50.3	155
	10		1.3				1.3	11.0	37.4		.6	44.5	155
	13	.6	.6				.6	1.3	45.2			45.8	155
	16		1.3				1.3	.6	36.8			36.8	155
	19							1.3	19.4			20.0	155
	22		.6				.6	10.3	13.5			20.6	155
TOTALS		.1	1.7				1.7	13.5	25.3		.1	36.1	1240

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5201 WEATHER CONDITIONS JAN 78

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WEATHER CONDITIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		4.7				4.7	15.3	6.0			20.0	150
	04		2.7				2.7	15.3	7.3			21.3	150
	07		2.7				2.7	20.0	4.7		.7	23.3	150
	10	.7	2.0			.7	2.0	11.3	18.7			24.0	150
	13	.7	2.7				2.7	1.3	26.0			27.3	150
	16	.7	.7				.7		23.3			23.3	150
	19							4.0	13.3			16.0	150
	22		4.7				4.7	14.7	7.3			20.7	150
TOTALS		.3	2.5			.1	2.5	10.2	13.3		.1	22.0	1200

5701 WEATHER CONDITIONS JAN 78

1077 2096-84321

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 78

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		3.2				3.2	14.2	11.6			24.5	155
	04		5.8				5.8	14.8	9.0			21.3	155
	07		5.2				5.2	18.7	9.7			25.2	155
	10		3.2				3.2	12.3	21.3			27.7	155
	13		3.9				3.9	3.2	31.0			31.6	155
	16		4.5				4.5	3.2	33.5		.6	36.1	155
	19		3.2				3.2	5.8	16.8			21.3	155
	22		4.5				4.5	11.0	12.9			23.9	155
TOTALS			4.2				4.2	10.4	18.2		.1	26.5	1240

1071 2096-54321

WEATHER CONDITIONS

92101 STATION — EL TORO, CALIFORNIA STATION NAME — 73-77 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	6.4		.1		6.4	8.9	9.0		.2	16.3	1239
FEB		.2	7.5				7.5	10.8	9.3			18.8	1128
MAR		.2	6.7				6.7	6.1	5.7			11.0	1240
APR			3.6				3.6	6.6	11.6			17.2	1200
MAY			5.4				5.4	12.7	15.9			26.8	1240
JUN			3.4				3.4	13.3	22.7			34.4	1200
JUL			.9				.9	9.9	23.6			30.6	1240
AUG		.1	1.8				1.8	16.0	24.9			37.4	1240
SEP		.1	3.2				3.2	14.1	25.9		.1	37.6	1200
OCT		.1	1.7				1.7	13.5	25.3		.1	36.1	1240
NOV		.3	2.5			.1	2.5	10.2	13.3		.1	22.0	1200
DEC			4.2				4.2	10.4	18.2		.1	26.5	1240
TOTALS		.1	3.9		.0	.0	3.9	11.0	17.1		.0	26.2	14607

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 49-77 (YEARS) | ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.2	25.9		.6	.8	25.9	34.6	41.6		.1	52.9	899
FEB		1.0	27.5		.1	.2	27.5	37.1	40.5			52.1	819
MAR		1.7	26.5			.6	26.5	34.5	35.0			45.2	898
APR		1.3	27.7			.1	27.7	33.8	37.7			45.3	869
MAY		.1	28.6				28.6	41.5	42.4		.1	51.2	899
JUN		.3	22.3				22.3	53.6	58.0			67.1	870
JUL		1.1	9.5				9.5	60.0	70.9		.1	78.5	898
AUG		.8	9.8				9.8	60.6	68.8		.1	74.5	897
SEP		1.4	19.2				19.2	56.0	68.1			74.5	869
OCT		2.3	20.7			.3	20.7	45.3	60.8		.6	65.4	899
NOV		.9	22.0			.1	22.0	41.5	48.3		.7	57.6	870
DEC		1.1	22.7		.1	.4	22.7	36.4	46.4		.1	55.8	899
TOTALS		1.1	21.9		.1	.2	21.9	44.6	51.5		.1	60.0	10586

5701 WEATHER CONDITIONS JAN 68

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | JANUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									2.4	4.9	7.3			87.8
NNE	2.1										2.1			95.8
NE	.9								1.8	7.1	8.0			87.3
ENE	3.6		.9						1.8	8.1	2.7			84.7
E	5.1	3.1	2.1					.5	5.6	3.6	3.1			82.1
ESE	9.7	5.4							5.4	3.2	1.1			77.4
SE	7.4	3.7	1.9						7.4	3.7	7.4			72.2
SSE	13.6	6.1	1.5			1.5			13.6	7.6	6.1			63.6
S	1.7	5.0						1.7	3.3	3.3	6.7			85.0
SSW										4.5	4.5			90.9
SW		11.1						5.6	5.6		22.2			61.1
WSW	2.1	2.1									14.9			78.7
W		2.7							1.8	3.6	27.9			67.6
WNW	2.1	4.2							4.2	2.1	25.0			62.5
NW									3.3		10.7		3.3	76.7
NNW									5.6	5.6			5.6	83.3
VARIABLE														
CALM	1.2		.6						2.9	3.5	8.5			78.8
TOTAL	43	28	8			1		3	56	54	109		2	979
% TOTAL	3.5	2.3	.6			.1		.2	4.5	4.4	8.8		.2	79.0

TOTAL NUMBER OF OBSERVATIONS 1,239

NAVWEASERVCOM

5708% FREQ. WIND DIR VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | FEBRUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.3	3.1						3.1	18.8	3.1	3.1			68.8
NNE	3.3	3.3							4.9	6.6	6.6			78.7
NE		3.0							4.5	1.5				91.0
ENE		1.1							6.4	3.2	1.1			88.3
E	2.1	4.2							8.4	4.7	5.8			78.5
ESE	6.7	8.0	1.3						9.3	2.7	2.7			70.7
SE	21.8	14.5	3.6						18.2	1.8				50.9
SSE	7.8	11.8							9.8		5.9			72.5
S	2.4	2.4	2.4						4.9	4.9	14.6			73.2
SSW		11.5							3.8		7.7			80.8
SW	3.0	3.0						3.0		9.1	27.3			66.7
WSW											12.1			87.9
W	1.1	2.1							3.2		24.2			70.5
WNW	1.9		1.9						3.7	1.9	22.2			72.2
NW											23.5			76.5
NNW	6.3								12.5					81.3
VARIABLE														
CALM	1.2	.6	.6						14.2	3.7	12.3			68.8
TOTAL	36	42	6					2	89	33	105			851
% TOTAL	3.2	3.7	.5					.2	7.9	2.9	9.3			75.4

TOTAL NUMBER OF OBSERVATIONS 1,128

NAVWEASERVCOM

5900 % FREQ. WIND DIR. VS WEATHER JAN 68

113/2

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101	EL TORO, CALIFORNIA	JAN 1973-DEC 1977	MARCH	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.0	8.0						4.0	12.0	8.0	4.0			72.0
NNE	3.6								7.1	3.6				89.3
NE									2.1	4.3				93.6
ENE	1.2	2.4							2.4					95.3
E	1.7	2.2	1.7						4.4	2.2	1.7			86.7
ESE	6.1	6.1	1.2					1.2	6.1	2.4	2.4			79.3
SE	6.0	10.4	3.0						4.5	1.5	4.5			74.6
SSE	2.8	9.9	2.8						11.3	1.4	2.8			76.1
S	1.3	3.8							2.5		3.8			90.0
SSW		5.3	2.6						2.6		2.6			89.5
SW	3.6	3.6							1.8		7.3			85.5
WSW		2.6							2.6		6.4			89.7
W	2.1	2.1						.7	1.4	1.4	16.4			78.1
WNW		6.5							2.2	2.2	19.6			71.7
NW		4.0									24.0			72.0
NNW		7.7							7.7	7.7	7.7			76.9
VARIABLE														
CALM	1.7	1.7	.8						5.2	4.0	4.0			85.3
TOTAL	26	47	10					3	51	24	71			1040
% TOTAL	2.1	3.8	.8					.2	4.1	1.9	5.7			83.9

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (N 68)

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | APRIL (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.4	3.4							3.4	3.4	6.9			82.8
NNE									9.1		13.6			81.8
NE									14.6		4.9			82.9
ENE									12.0		2.0			86.0
E	2.6	1.3							5.2	1.9	4.5			85.1
ESE	3.4	1.1							5.7		3.4			86.2
SE	3.2	3.2	4.8						6.3	4.8	3.2			77.8
SSE		5.0							8.3	1.7	21.7			65.0
S		3.8							1.3		7.6			88.6
SSW	2.4		2.4						4.8		7.1			88.1
SW	2.2	2.2	2.2						2.2		13.0			80.4
WSW	2.0	2.0							1.0		16.2			79.8
W	.6	.6	.6						1.3		16.3			81.9
WNW	1.9	1.9							1.9		27.8			66.7
NW									5.9		23.5			70.6
NNW		11.1												88.9
VARIABLE														
CALM		.5	1.1						10.6	2.7	10.0			72.9
TOTAL	16	19	8						66	13	139			962
% TOTAL	1.3	1.6	.7						5.5	1.1	11.6			80.2

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ. WIND VS WEATHER JAN 68

1137

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93101	EL TORO, CALIFORNIA	JAN 1973-DEC 1977	MAY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									11.8		29.4			64.7
NNE			8.3						25.0					66.7
NE		6.3							25.0		6.3			68.8
ENE			2.9						20.6					76.5
E	1.6	.9	5.5						11.0	.9	3.7			79.8
ESE			4.2						20.8	1.4	9.7			69.4
SE	4.5		3.0						9.0	4.5	6.0			74.6
SSE	1.6	.9	4.5						8.2	1.8	8.2			79.1
S		3.1	4.7						9.4		12.5			75.0
SSW			1.5						9.1	1.5	15.2			75.8
SW		1.7	3.4						15.5	1.7	25.9			60.3
WSW			5.4						5.4		19.4			73.1
W		.6	5.4						4.0		25.0			70.5
WNW			4.5						8.0	1.1	37.5			54.5
NW			4.3						17.4		34.8			47.8
NNW			6.3						18.8		18.8			56.3
VARIABLE														
CALM	1.3		3.2						22.6	1.3	12.3			64.5
TOTAL	9	9	49						146	12	196			871
% TOTAL	.7	.7	4.0						11.8	1.0	15.8			70.2

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | JUNE (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									40.0		40.0			30.0
NNE									20.0		20.0			60.0
NE											33.3			66.7
ENE		4.8							38.1		9.5			52.4
E		1.1	1.1						18.9	1.1	6.3			73.7
ESE			2.1						16.7		10.4			75.0
SE	1.8	1.8	10.9						25.5	3.6	10.9			54.5
SSE			6.8						10.2		18.6			64.4
S			8.4						12.6		27.4			56.8
SSW			2.6						2.6		21.1			76.3
SW			4.5						13.6		27.3			63.6
WSW									4.3		34.3			64.3
W			.4						2.4	.4	29.1			68.5
WNW			.8						4.0		28.6			66.7
NW									9.5	3.2	34.9			57.1
NNW			7.1						14.3		17.9			67.9
VARIABLE														
CALM	.5	.5	4.4						34.4	2.0	16.6			38.5
TOTAL	2	4	35						149	10	272			770
% TOTAL	.2	.5	2.9						12.4	.8	22.7			64.2

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER (AN 68

1137

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | JULY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									23.5		23.5			64.7
NNE											40.0			60.0
NE									100.0		50.0			
ENE									25.0		33.3			58.3
E									10.6	1.1	11.7			76.7
ESE									7.5		13.2			79.2
SE									4.7		14.0			81.4
SSE			1.6						12.5	1.6	17.2			73.4
S			1.9						11.1	1.9	15.7			76.9
SSW									8.5	2.1	25.5			70.2
SW									8.8		29.4			64.7
WSW											34.7			63.9
W	.4		.8						2.3		32.8			64.9
WNW			1.2						4.2	.6	23.0			72.1
NW			1.7						12.1		32.8			58.6
NNW									32.1		29.0			53.6
VARIABLE														
CALM		.8	.8						16.8	3.4	17.9			65.9
TOTAL	1	1	9						111	12	291			857
% TOTAL	.1	.1	.7						9.0	1.0	23.5			69.1

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

57 FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101	EL TORO, CALIFORNIA	JAN 1973-DEC 1977	AUGUST	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			10.3						31.6		21.1			52.6
NNE	25.0								25.0		25.0			25.0
NE			7.7						23.1	3.8	11.5			65.4
ENE									23.1		3.8			76.9
E			1.0						29.5	2.9	8.6			65.7
ESE									14.9	4.3	10.6			70.2
SE	2.8		2.8						27.8		19.4			55.6
SSE	4.1		2.0						12.2	4.1	10.2			75.5
S			2.7						12.2	1.4	24.3			63.5
SSW			3.6						14.3	3.6	32.1			60.7
SW									14.8		25.9			66.7
WSW	1.2		1.2						6.0		38.6			56.6
W	.3		.3						3.2	.3	34.6			63.5
WNW	1.6								8.5	1.6	31.0			62.0
NW								1.6	13.1		32.8			57.4
NNW									17.9	5.1	25.6			56.4
VARIABLE														
CALM	.6	.6							3.6	1.1	16.6			56.6
TOTAL	9	1	12					1	181	17	308			770
% TOTAL	.7	.1	1.0					.1	14.6	1.4	24.8			62.1

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708 % FREQ WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | SEPTEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									16.7		25.0		4.2	58.3
NNE									22.2		5.6			72.2
NE									35.3	5.9	5.9			58.8
ENE									17.6	5.9	3.9			76.5
E			1.0						25.0	3.0	12.0			63.0
ESE			2.7						10.8	5.4	10.2			73.0
SE	2.5		5.0						15.0	7.5	12.5			70.0
SSE		4.3	6.4					2.1	12.8	2.1	23.4			57.4
S		1.4	2.9						10.0	1.4	18.6			72.9
SSW			5.3								36.8			63.2
SW		5.9	11.8						5.9		17.6			64.7
WSW	1.3		1.3						1.3		32.0			64.0
W		.9	2.6						4.8	.9	38.5			56.7
WNW	.8								4.7	.8	36.7			59.4
NW			1.9						5.6	3.7	37.0			53.7
NNW	2.7		5.4						16.2		29.7			48.6
VARIABLE														
CALM	.4	1.3	1.3						17.4	6.3	22.0			57.9
TOTAL	5	9	25					1	140	29	311		1	733
% TOTAL	.4	.8	2.1					.1	11.7	2.4	25.9		.1	61.1

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ. WIND DIR VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | OCTOBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									16.0		16.0			68.0
NNE	4.5								9.1	4.5	13.6			72.7
NE									11.1		4.4		2.2	82.2
ENE	1.2		3.6						10.7	2.4	4.8			82.1
E			2.2						20.0	2.2	15.5			62.2
ESE		1.7							15.6	1.7	11.9			71.2
SE	2.8								19.4	2.8	11.1			66.7
SSE		2.8	2.8						8.3		25.0			66.7
S	5.7	2.9							5.7		20.0			68.6
SSW									4.8		19.0			76.2
SW									7.1		28.6			64.3
WSW		1.4							5.6		23.9			74.6
W			1.4					.5	3.3	.5	36.3			59.9
WNW									1.0		40.6			58.3
NW			2.6						10.3		48.7			43.6
NNW									15.8		26.3			63.2
VARIABLE														
CALM			.3						10.9	3.4	28.9			52.9
TOTAL	5	4	12					1	149	19	314		1	781
% TOTAL	.4	.3	1.0					.1	12.0	1.5	25.3		.1	63.0

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5 FORMS % FREQ. WIND DIR. VS WEATHER JAN 68

1138

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | NOVEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		3.6					3.6	3.6	14.3	3.6	7.1			75.0
NNE									9.5		4.8			88.1
NE									2.8	2.8	4.2			90.1
ENE									9.3	3.4	7.6		.8	80.5
E		1.0	.5						6.2	3.1	7.7			83.1
ESE	3.8								15.2	2.5	5.1			78.5
SE	4.3		2.1						10.6	2.1	10.6			72.3
SSE	2.5	2.5	2.5						7.5		7.5			77.5
S	4.0								2.0	2.0	8.0			84.0
SSW		4.0							4.0		4.0			92.0
SW	5.9	5.9							5.9		23.5			64.7
WSW		5.7						2.9	2.9	2.9	20.0			71.4
W		1.7							.9	1.7	19.1			77.4
WNW								1.1	1.1	1.1	32.3			63.4
NW			2.9						5.7		37.1			60.0
NNW	5.9								23.5		29.4			58.8
VARIABLE														
CALM	.5	1.0	1.0						11.9	7.3	13.0			66.3
TOTAL	11	12	7				1	3	88	35	158		1	914
% TOTAL	.9	1.0	.6				.1	.3	7.3	2.9	13.2		.1	76.2

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (JAN 68)

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | DECEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									3.1	6.3	21.9			71.9
NNE		3.7							3.7	1.9	5.6			87.0
NE		2.6							3.9	5.3	11.8			81.6
ENE	.8								6.7	1.7	7.6			84.0
E		.4							6.1	3.5	13.5			78.3
ESE	5.7	4.5	2.3						11.4	4.5	5.7			69.3
SE	8.3	3.3	3.3						23.3		8.3			61.7
SSE	11.9		1.7						22.0	1.7	8.5			64.4
S	1.9	5.6							9.3	1.9	16.7			70.4
SSW	11.5								7.7	3.8	23.1			61.5
SW			6.7						6.7		6.7			86.7
WSW		3.1							3.1		15.6			78.1
W	1.0								1.9	1.0	37.1			60.0
WNW									1.5	1.5	44.1			55.9
NW											33.3		3.3	63.3
NNW									8.0		44.0			52.0
VARIABLE														
CALM	2.6	.6	.6						12.6	1.8	20.0			62.3
TOTAL	29	16	7						100	29	225		1	877
% TOTAL	2.3	1.3	.6						8.1	2.3	18.1		.1	70.7

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ. WIND VS WEATHER JAN 68

1138

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93101	EL TORO, CALIFORNIA	JAN 1973-DEC 1977	ALL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.3	1.7	.7				.3	1.0	13.4	3.0	14.4		.3	70.2
NNE	1.9	1.2	.3						7.5	2.2	6.5			82.6
NE	.2	1.0	.4						7.6	3.6	6.3		.2	84.0
ENE	.9	.5	.6						9.6	2.9	4.5		.1	83.0
E	1.3	1.4	1.1					.1	10.8	2.7	7.8			77.7
ESE	3.7	2.7	1.1					.1	11.3	2.3	6.6			75.4
SE	5.8	3.5	3.5						13.6	2.7	8.2			68.1
SSE	3.8	3.5	2.8			.1		.1	11.4	2.0	12.1			70.4
S	.9	2.2	2.4					.1	7.7	1.1	14.8			75.3
SSW	1.0	1.5	1.5						5.8	1.3	16.1			77.4
SW	1.4	2.5	2.0					.6	7.3	1.1	20.5			70.2
WSW	.5	1.1	.9					.1	2.8	.1	23.0			73.1
W	.4	.6	.9					.1	2.7	.6	29.5			67.1
WNW	.5	.5	.7					.1	4.1	.9	31.1			63.7
NW		.2	1.1					.2	8.0	.9	33.2		.4	59.3
NNW	1.1	.8	1.9						15.8	1.5	21.9		.4	61.9
VARIABLE														
CALM	.8	.6	1.2						16.3	3.4	17.1			65.1
TOTAL	192	192	188			1	1	14	1326	287	2499		6	10405
% TOTAL	1.3	1.3	1.3			.0	.0	.1	9.1	2.0	17.1		.0	71.2

TOTAL NUMBER OF OBSERVATIONS 14,607

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

NWSD, Federal Building

Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-77

STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.2	7.1	.9	2.2	2.4	3.6	4.4	2.1	1.8	.1	.1			17.7	992	2.25	8.89	.00
FEB	73.6	9.4	1.3	2.7	2.0	3.4	3.1	2.2	2.0	.3				17.0	904	2.03	11.70	TRACE
MAR	72.3	8.2	1.7	2.5	3.2	4.5	4.1	2.3	1.0	.1				19.6	992	1.90	7.76	TRACE
APR	72.3	14.4	1.4	2.6	1.9	3.3	2.0	1.6	.6					13.3	960	1.09	5.40	TRACE
MAY	71.3	20.2	1.4	3.0	2.0	1.6	.4	.2						8.5	1023	.23	1.22	TRACE
JUN	77.7	18.7	.6	1.8	.7	.4	.1							3.6	990	.06	.32	TRACE
JUL	90.6	8.4	.1	.5	.1	.2	.1							1.0	992	.03	.34	.00
AUG	90.1	8.2	.4	.4	.4	.2	.1	.1		.1				1.7	992	.14	3.05	.00
SEP	82.0	14.5	1.0	.9	.1	.4	.6	.2	.2					3.4	990	.19	2.19	.00
OCT	78.9	14.1	2.1	2.2	.6	1.4	.7	.2						7.0	1023	.22	1.48	TRACE
NOV	79.2	7.8	1.8	1.7	1.3	2.5	2.6	1.9	.8	.3				13.0	990	1.44	6.70	.00
DEC	76.3	8.4	.6	2.9	1.7	3.5	2.4	2.6	1.5					15.2	1023	1.82	5.28	TRACE
ANNUAL	78.3	11.6	1.1	1.9	1.4	2.1	1.7	1.1	.7	.1	.0			10.1	11871	1.40		

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 45-77 (YEARS)

15089

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.4	.5		.1										.1	930	TRACE	1.2	.0
FEB	99.9	.1													848	TRACE	TRACE	.0
MAR	100.0														930	.0	.0	.0
APR	100.0														930	.0	.0	.0
MAY	100.0														961	.0	.0	.0
JUN	100.0														930	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	100.0														961	.0	.0	.0
NOV	100.0														960	.0	.0	.0
DEC	99.9	.1													992	TRACE	TRACE	.0
ANNUAL	99.9	.1		.0										.0	11202	.0		

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 50-77 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.9				.1									.1	837			
FEB	100.0														763			
MAR	100.0														837			
APR	100.0														780			
MAY	100.0														868			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														868			
SEP	100.0														810			
OCT	100.0														868			
NOV	100.0														840			
DEC	100.0														868			
ANNUAL	100.0				.0									.0	9986			

NAVWEASERVCOM

5722 Daily Amounts Jan 1969

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 45-77 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			.85	.15	.01	.02	.02	.65	TRACE	.32	.21	2.43	
46	.10	.66	2.49	.63	.06	TRACE	TRACE	TRACE	.00	.32	1.84	2.01	2.49
47	.39	.33	.19	.14	.14	.03	.00	.03	.12	.05	.35	1.07	1.07
48	.01	1.55	.64	1.00	.05	.09	TRACE	TRACE	TRACE	.04	.00	.68	1.55
49	1.15	.31	.40	.03	.23	TRACE	TRACE		TRACE	.06	.84	.61	
50	.71	1.08	.74	.42	.09	TRACE	TRACE	.07	TRACE	.03	.76	.02	1.08
51	.51	.31	.55	.85	.04	TRACE	TRACE	.18	.26	.68	.37	1.91	1.91
52	1.83	.20	2.54	.79	TRACE	.04	TRACE	TRACE	.31	TRACE	1.60	1.00	2.54
53	.35	.46	.48	.54	.06	TRACE		TRACE	TRACE	TRACE	.96	.30	
54	1.84	1.60	1.17	.05	.05	TRACE	TRACE	TRACE	TRACE	TRACE	.81	.48	1.84
55	1.49	1.50	.18	1.24	.38	.02	TRACE	TRACE	TRACE	TRACE	.36	.32	1.50
56	5.18	.30	TRACE	1.88	.30	TRACE	TRACE	TRACE	TRACE	.36	.00	.37	5.18
57	1.03	1.28	.48		.28	.08	.05	TRACE	.00	.55	.27	1.37	
58	.40	2.05	1.99	2.18	.10	.08	.00	.03	.56	.07	.24	.03	2.18
59	.80	1.09	TRACE	.49	.05	TRACE	TRACE	.01	TRACE	.03	.11	.70	1.09
60	.68	1.24	.19	1.40	.09	TRACE	.34	TRACE	.01	.15	1.23	.12	1.40
61	.62	.16	.27	.03	.01	.11	TRACE	.08	.01	.21	.58	1.11	1.11
62	1.62	1.18	.61	TRACE	.51	.19	TRACE	TRACE	TRACE	.02	.03	TRACE	1.62
63	.20	1.93	1.46	.88	TRACE	.06	TRACE	.06	1.20	.26	2.79	TRACE	2.79
64	.71	.09	.88	.25	.05	.25	.00	TRACE	.12	.18	.36	.77	.88
65	.32	.15	.77	.95	.01	.05	.11	.01	.38	TRACE	2.61	1.85	2.61
66	.68	.80	.19	.06	.02	TRACE	TRACE	TRACE	.02	.08	2.81	2.31	2.81
67	1.33	TRACE	.51	.51	.03	.03	TRACE	TRACE	.28	TRACE	.78	1.21	1.33
68	.28	.09	1.17	.42	.11	TRACE	.10	TRACE	TRACE	.17	.30	.69	1.17
69	1.82	2.99	.56	.32	.14	.02	.13	.00	.01	TRACE	1.89	.14	2.99
70	.50	.93	1.11	.01	.01	.02	TRACE	.00	TRACE	.13	1.89	1.08	1.89
71	.56	.23	.30	.32	.22	.07	TRACE	.00	.01	.28	.12	.75	.75
72	TRACE	.06	TRACE	.07	.08	.11	TRACE	.08	.01	.02	.92	.59	.92
73	1.25	1.35	.94	.04	.07	.05	TRACE	TRACE	.11	.14	.34	.14	1.35
74	1.51	.16	1.06	.28	.11	TRACE	TRACE	TRACE	TRACE	.17	.01	2.08	2.08
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

192423
5723 Extreme Values Jan 1969

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	.14	.80	1.16	1.06	.15	.03	TRACE	.01	TRACE	.05	.47	.16	1.16
76	.00	1.48		.51	.05	.32	TRACE	TRACE	1.33	.05	.59	.34	
77	.79	.57	.40	TRACE	.82	.02	TRACE	2.58	TRACE	TRACE	.07	.64	2.58
MEAN	.90	.84	.76	.55	.13	.05	.02	.12	.14	.13	.81	.83	1.85
S. D.	.966	.720	.646	.556	.170	.075	.067	.464	.320	.165	.826	.718	.935
TOTAL OBS.	992	904	992	960	1023	990	992	992	990	1023	990	1023	11871

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

192427

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49								TRACE 29					PRECIP DAYS
53							TRACE 30						PRECIP DAYS
57				.82 29									PRECIP DAYS
76			1.05 30										PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-77
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45											.0	.0	
46			.0	.0				.0	.0				
47	.0			.0	.0	.0	.0	.0		.0	.0	.0	
48		.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	
49	1.2	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	
53	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

1924 31

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.04	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.00
S. D.	.219	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	930	848	930	930	961	930	930	930	900	961	960	992	11202

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			.0 5	0	0	.0 2	.0 14	.0 29	.0 1	.0 28			SNOFALL DAYS
46	.0 30	0			.0 28	.0 25	.0 29			.0 30	0	.0 30	SNOFALL DAYS
47		.0 27	.0 30						.0 26				SNOFALL DAYS
48	.0 30							.0 30					SNOFALL DAYS
49								.0 29					SNOFALL DAYS
52									.0 29				SNOFALL DAYS
53							.0 30						SNOFALL DAYS
57				.0 29									SNOFALL DAYS
76			.0 30										SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-48, 50-77
STATION STATION NAME YEARS

192435

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49													
50			0	0	0	0	0	0	0	0	0	0	
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	3	0	0	0	0	0	0	0		0	0	0	
53	0	0	0		0	0		0	0	0	0	0	
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0		0		0	0	0	0	0	0	
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-48, 50-77 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0		0	0	0	0	0	0	0	0	0	
77	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S. D.	.577	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	837	763	837	780	868	810	837	868	810	868	840	868	9986

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-48, 50-77
STATION STATION NAME YEARS

192439

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			0 1	0	0	0	0	0	0 1	0	0	0	SNO DPTH DAYS
46	0	0	0 1	0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
47	0	0 1	0 2	0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
48	0	0	0	0	0	0 1	0	0	0	0 1	0	0	SNO DPTH DAYS
49	0	0	0	0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
50	0	0 26											SNO DPTH DAYS
52									0 29				SNO DPTH DAYS
53				0 29			0 30						SNO DPTH DAYS
57				0 28		0 29							SNO DPTH DAYS
76			0 30										SNO DPTH DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 1946-1977 YEARS

JANUARY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.60	15	1955			
2	0.56	14	1971			
3	0.20	5	1977			
4	1.51	38	1974	T	T	1974
5	0.64	16	1957			
6	0.80	20	1959			
7	1.11	28	1974			
8	0.71	18	1950			
9	0.43	11	1970	T	T	1949
10	1.21	31	1955	T	T	1949
11	0.38	10	1950	1.2	30	1949
12	1.31	33	1952			
13	1.03	26	1957			
14	0.54	14	1960			
15	0.47	12	1952			
16	1.83	46	1952	T	T	1955
17	1.48	38	1952			
18	1.49	38	1955			
19	1.86	47	1954			
20	1.62	41	1962			
21	0.69	18	1964	T	T	1962
22	1.33	34	1967			
23	0.44	11	1949			
24	1.30	33	1969			
25	2.91	74	1956			
26	5.18	132	1956			
27	0.35	9	1956			
28	0.41	10	1969			
29	0.32	8	1957			
30	0.68	17	1966			
31	0.38	10	1956			
Monthly	5.18	132	1956	1.2	30	1949

FEBRUARY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.24	31	1960			
2	0.10	3	1949			
3	2.05	52	1958			
4	0.89	23	1958			
5	1.55	39	1948			
6	1.18	30	1969			
7	0.38	10	1976*			
8	1.18	30	1962			
9	1.93	49	1963			
10	0.85	22	1970			
11	1.35	34	1973			
12	0.66	17	1973			
13	1.60	41	1954			
14	0.20	5	1954			
15	0.64	16	1962			
16	1.09	28	1959			
17	0.79	20	1955			
18	0.45	11	1969			
19	1.96	50	1958			
20	1.13	29	1962	T	T	1962
21	1.05	27	1959			
22	0.54	14	1969			
23	2.77	70	1969			
24	2.99	76	1969			
25	2.62	67	1969			
26	0.31	8	1951			
27	1.50	38	1955			
28	0.93	24	1970			
29	0.24	6	1960			
30						
31						
Monthly	2.99	76	1969	T	T	1962

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 1945-1977 (YEARS)

MARCH (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.05	27	1976			
2	0.86	22	1970			
3	0.35	9	1967			
4	1.11	28	1970			
5	0.36	9	1975			
6	0.49	12	1962			
7	2.54	65	1952			
8	1.17	30	1968			
9	0.37	9	1957			
10	0.68	17	1975			
11	0.71	18	1973			
12	1.38	35	1958			
13	0.40	10	1948			
14	0.29	7	1948			
15	2.39	61	1952			
16	1.99	51	1958			
17	0.42	11	1945			
18	0.18	5	1962			
19	0.61	15	1962			
20	0.94	24	1973			
21	0.57	14	1954			
22	0.43	11	1964			
23	0.88	22	1964			
24	0.74	19	1950			
25	0.40	10	1977			
26	0.22	6	1945			
27	0.76	19	1958			
28	0.47	12	1963			
29	0.30	8	1954			
30	2.49	63	1946			
31	0.77	20	1965			
Monthly	2.54	65	1952			

APRIL (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.18	55	1958			
2	0.31	8	1968			
3	1.00	25	1948			
4	0.21	5	1958*			
5	0.32	8	1969			
6	1.30	33	1958			
7	0.65	17	1958			
8	1.06	27	1975			
9	0.48	12	1965			
10	0.72	18	1952			
11	0.41	10	1967			
12	1.88	48	1956			
13	0.40	10	1956			
14	0.32	8	1971			
15	0.16	4	1975			
16	0.12	3	1975			
17	0.88	22	1963			
18	0.51	13	1967			
19	0.38	10	1967			
20	0.82	21	1957			
21	0.61	15	1957			
22	0.32	8	1955			
23	0.09	2	1960			
24	0.16	4	1960			
25	0.85	22	1951			
26	0.54	14	1963			
27	1.40	36	1960			
28	0.59	15	1948			
29	0.04	1	1973*			
30	1.24	31	1955			
31						
Monthly	2.18	55	1958			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 1945-1977 YEARS

MAY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.10	3	1955			
2	0.06	2	1950			
3	0.09	2	1950			
4	0.09	2	1960			
5	0.11	3	1974			
6	0.14	4	1969			
7	0.38	10	1955			
8	0.82	21	1977			
9	0.32	8	1977			
10	0.14	4	1947			
11	0.09	2	1957			
12	0.11	3	1968			
13	0.23	6	1949			
14	0.51	13	1962			
15	0.06	2	1953			
16	0.04	1	1962			
17	0.10	3	1949			
18	0.16	4	1949			
19	0.28	7	1957			
20	0.15	4	1975			
21	0.08	2	1957			
22	0.05	1	1950			
23	0.03	1	1974			
24	0.12	3	1955			
25	0.17	4	1962			
26	0.04	1	1962			
27	0.11	3	1971			
28	0.22	6	1971			
29	0.01		1945			
30	0.12	3	1947			
31	0.07	2	1973			
Monthly	0.82	21	1977			

JUNE MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.11	3	1961			
2	0.08	2	1948			
3	0.01		1963			
4	0.01		1945			
5	0.02	1	1972			
6	0.01		1972			
7	0.03	1	1972			
8	0.11	3	1972			
9	0.25	6	1964			
10	0.32	8	1976			
11	0.02	1	1969			
12	0.01		1970			
13	0.03	1	1967			
14	T	T	1973*			
15	0.19	5	1962			
16	0.08	2	1958			
17	T	T	1975*			
18	0.03	1	1975			
19	T	T	1975*			
20	0.05	1	1972			
21	T	T	1972*			
22	0.02	1	1945			
23	T	T	1972*			
24	0.03	1	1947			
25	0.05	1	1965			
26	0.04	1	1952			
27	T	T	1959*			
28	T	T	1959*			
29	T	T	1975*			
30	T	T	1973*			
31						
Monthly	0.32	8	1976			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5124 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 1945-1977 YEARS

JULY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1955*			
2	0.04	1	1957			
3	T	T	1967*			
4	T	T	1977*			
5						
6	T	T	1973*			
7	0.02	1	1968			
8	0.10	3	1968			
9	T	T	1972*			
10	0.05	1	1957			
11	0.13	3	1969			
12	T	T	1955*			
13	T	T	1954*			
14	T	T	1974*			
15	T	T	1976*			
16	T	T	1975*			
17	T	T	1965*			
18	T	T	1973*			
19	T	T	1972*			
20	0.34	9	1960			
21	T	T	1972*			
22	T	T	1976*			
23	T	T	1954			
24	T	T	1973*			
25	T	T	1976			
26						
27	T	T	1968*			
28	0.04	1	1968			
29	0.11	3	1965			
30	0.01		1965			
31	T	T	1976*			
Monthly	0.34	9	1960			

AUGUST MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1963			
2						
3	T	T	1968*			
4	0.08	2	1961			
5						
6	T	T	1973*			
7	0.06	2	1963			
8	0.03	1	1947			
9	T	T	1956*			
10	T	T	1961*			
11	0.01		1965			
12	0.08	2	1972			
13	0.03	1	1958			
14	T	T	1972*			
15	0.03	1	1958			
16	0.45	11	1977			
17	2.58	66	1977			
18	0.65	17	1945			
19	T	T	1959			
20						
21	0.01		1975			
22	T	T	1965*			
23	0.01		1959			
24	T	T	1974*			
25	T	T	1964*			
26	T	T	1974*			
27	T	T	1972*			
28	0.18	5	1951			
29	0.17	4	1951			
30	T	T	1974*			
31	T	T	1974*			
Monthly	2.58	66	1977			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 1945-1977 YEARS

SEPTEMBER MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.07	2	1967			
2	T	T	1972*			
3	0.27	7	1976			
4	0.35	9	1963			
5	T	T	1976*			
6	0.01		1972*			
7	0.02	1	1976			
8	T	T	1972*			
9	0.04	1	1976			
10	1.33	34	1976			
11	0.02	1	1976			
12	T	T	1970*			
13	T	T	1973*			
14	0.02	1	1973			
15	0.05	1	1976			
16	0.02	1	1965			
17	1.20	30	1963			
18	0.53	13	1963			
19	0.31	8	1952			
20	T	T	1976*			
21	T	T	1971*			
22	0.11	3	1973			
23	0.56	14	1958			
24	0.12	3	1964			
25	T	T	1977*			
26	0.01		1960			
27	0.26	7	1951			
28	0.28	7	1967			
29	0.01		1966			
30	T	T	1967*			
31						
Monthly	1.33	34	1976			

OCTOBER MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.32	8	1946			
2	0.01		1951			
3	0.13	3	1970			
4	0.20	5	1956			
5	T	T	1973*			
6	0.08	2	1945			
7	0.06	2	1974			
8	0.21	5	1961			
9	T	T	1968*			
10	0.15	4	1960			
11	0.55	14	1957			
12	T	T	1964*			
13	0.33	8	1957			
14	0.15	4	1957			
15	T	T	1973*			
16	0.28	7	1971			
17	0.13	3	1963			
18	0.26	7	1963			
19	T	T	1977*			
20	0.04	1	1957			
21	T	T	1973*			
22	T	T	1979*			
23	0.05	1	1956			
24	0.02	1	1951			
25	0.68	17	1951			
26	0.03	1	1959			
27	0.18	5	1946			
28	0.36	9	1956			
29	0.32	8	1945			
30	0.35	9	1957			
31	0.06	2	1957			
Monthly	0.68	17	1951			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1945-1977 — YEARS

NOVEMBER — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.11	3	1959			
2	0.27	7	1957			
3	0.22	6	1960			
4	T	T	1972*			
5	0.18	5	1960			
6	1.89	48	1969			
7	2.81	71	1966			
8	0.41	10	1966			
9	0.35	9	1947			
10	0.84	21	1949			
11	0.81	21	1954			
12	1.84	47	1946			
13	1.04	26	1948			
14	0.96	24	1953			
15	1.60	41	1952			
16	1.04	26	1965			
17	0.56	14	1964			
18	0.27	7	1950			
19	0.38	10	1950			
20	2.79	71	1963			
21	0.78	20	1967			
22	2.61	66	1965			
23	0.66	17	1946			
24	0.72	18	1965			
25	0.58	15	1961			
26	0.60	15	1960			
27	0.13	3	1975			
28	0.66	17	1970			
29	1.89	48	1970			
30	1.01	26	1952			
31						
Monthly	2.81	71	1966			

DECEMBER — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.81	21	1952			
2	1.11	28	1961			
3	1.87	47	1966			
4	2.08	53	1974			
5	2.31	59	1966			
6	0.47	12	1966			
7	0.39	10	1972	T	T	1972
8	0.25	6	1959			
9	0.59	15	1959			
10	0.86	22	1965			
11	0.59	15	1951			
12	0.35	9	1955			
13	0.02	1	1971*			
14	0.58	15	1965			
15	1.34	34	1957			
16	0.72	18	1957			
17	0.68	17	1948			
18	1.21	31	1967			
19	0.64	16	1970			
20	1.00	25	1952			
21	1.60	41	1945			
22	2.43	62	1945			
23	0.15	4	1948*			
24	0.75	19	1971			
25	0.69	18	1968			
26	2.01	51	1946			
27	0.77	20	1964			
28	0.78	20	1974			
29	1.91	49	1951			
30	1.15	29	1951			
31	0.19	5	1965			
Monthly	2.43	62	1945	T	T	1972

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NWSD, Federal Building

Asheville, N. C.

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			NE 55	WNW 32	NW 27	S 23	W 18	S 20	NNE 33	NE 38	ENE 30	S 26	
46	NE 56	E 45		SSW 30				W 18	NW 20	NE 36	NE 53	NE 56	
47	ENE 55	SE 17	ENE 30	NE 42	S 27	NW 23	WNW 20	W 24	WNW 19	WNW 20	NE 53	NE 47	ENE 55
48		NNE 42	NE 36	SW 28	W 24	SW 17	WNW 17	WNW 14	WSW 18	ENE 27	ENE 59	SW 37	
49	NE 59	NE 27	NW 33	WNW 21	WNW 23	NNE 33	W 19	WNW 20	S 22	W 35	SSW 26	NE 30	NE 59
50	SSE 30		W 28	WNW 24	WNW 25	W 21	SW 20	WNW 20	S 21	NW 20	NNE 50	NE 30	
51	WNW 35	NE 32	NE 41	W 34	NNW 26	ESE 19	S 16	NW 16	WSW 19	NE 30	ENE 39	NE 53	NE 53
52	ENE 37	ENE 46	NE 47	SE 19	WSW 20	WNW 23	WNW 18	WNW 20	W 19	WNW 16	ENE 42		
53	NW 28	NE 54	W 30	W 25	NNE 36	W 18	W 18	W 19	WSW 18	NE 28	WNW 28	E 60	E 60
54	SSW 31		SSE 37	WSW 20	W 23	SW 21	W 17	WNW 18	WNW 17	ENE 29	SSW 24	ENE 59	
55				W 36	ENE 31	W 22	W 18	SSE 36	SSE 33	WSW 18	NE 36	WSW 25	
56	SSE 27	NE 65	NE 52	WSW 34		W 28	WSW 18	WNW 24	WNW 28	WNW 24		ENE 49	
57	ENE 48	ESE 30	NE 35		W 32	NNE 29	SSE 20	WSW 24	SW 20			S 34	
58	ENE 34	SSE 45	ENE 32	SSW 46	W 28	SW 27	W 19	WNW 19	NE 43	NE 32	W 37	NE 33	SSW 46
59	NNE 33	NNE 32	NNE 28	WSW 19	WSW 24	W 18	SSE 21	W 20	SSE 23	ENE 28	NE 44	NE 36	NE 44
60	NE 42	NE 36	NE 29	NE 38	W 20	SW 18	SE 47	WNW 21	W 18	NNE 39	NE 41	NE 51	NE 51
61	NE 28	NE 40	NE 41	SW 40	W 28	W 22	WSW 21	SSE 25	W 22	NE 41	NE 52	NE 29	NE 52
62	NE 45	SSE 28	NE 29	W 23	W 21	S 18	W 19	SSE 22	WSW 17	S 26	NE 39	NE 32	NE 45
63	NE 39	NNE 32	SE 32	W 32	S 28	W 24	S 19	W 19	SE 24	W 20	NNE 42	NE 39	NNE 42
64	NE 47	NE 50	NE 43	W 28	W 26	S 20	W 18	S 24	W 22	SW 23	NNE 34	ENE 29	NE 50
65	WSW 26	NE 36	NE 32	S 34	W 22	SSW 20	W 19	W 17	NE 33	E 22	S 26	SSE 35	NE 36
66	SE 58	NE 43	W 27	W 22	W 70	SSW 19	W 25	W 24	WNW 22	E 45	S 24	NE 36	W 70
67	NE 40	N 40	W 34	W 29	W 26	W 20	W 19	W 18	W 30	E 30	S 25	NE 54	NE 54
68	NE 25	SW 17	N 32	NNE 24	W 24	S 22	W 18	W 20	W 18	NE 29	NE 44	NE 32	NE 44
69	NE 37	S 32		SW 24	WSW 18	W 20	WNW 18	S 19	WNW 17	NNE 34	NNE 31	NNE 44	
70	NE 33	NE 47	NE 36	NE 34	W 28	S 19	NW 18	W 18	NNE 32	NNE 32	SE 28	SE 26	NE 47
71	NE 32	06 24	04 33	25 25	26 18	17 15	25 18	27 21		22 04	26 02	45 36	46 36 46
72	03 37	03 22	16 23	25 27	18 25	27 18	16 21	21 23	25 19	02 43	23 35		
73	34 39	18 37	36 30	01 42	17 21	22 23	22 16	15 22	03 24	05 25	24 25	06 34	01 42
74	03 46	03 51	12 24	25 32	24 22	26 27	16 27	25 22	29 18	25 32	03 22	02 50	03 51
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	03 47	03 40	05 41	26 23	20 22	29 22	31 19	18 28	30 17	07 26	26 30	05 32	03 47
76	07 25	05 31		28 26	27 22	24 18	27 19	24 20	17 22	04 42	05 39	08 38	
77	04 33	01 28	03 38	16 27	16 36	27 25	24 18	24 18	26 21	26 18	06 23	04 29	03 38
MEAN	38.4	37.1	34.8	29.4	26.4	21.6	20.0	21.0	22.8	29.2	37.0	39.1	49.1
S. D.	10.016	11.068	7.719	7.170	9.254	3.949	5.376	3.953	6.175	7.822	11.092	10.523	7.863
TOTAL OBS.	922	814	887	955	952	953	986	1009	976	985	919	945	11304

NAVWEASERVCOM

5723 Extreme Values Jan 1969

192419

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46			W 40 26		S 22 23	WNW 19 12	WNW 18 23						WINDS DAYS
48	NE 56 23												WINDS DAYS
50		WSW 15 22											WINDS DAYS
52												ENE 39 24	WINDS DAYS
54		WNW 31 24											WINDS DAYS
55	ENE 34 13	0	WSW 20 12										WINDS DAYS
56					NE 48 27						ENE 49 21		WINDS DAYS
57				W 33 26						SSW 25 27	NE 63 21		WINDS DAYS
69			WNW 33 27										WINDS DAYS
72												36 51 27	WINDS DAYS
76			04 24 27										WINDS DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.6			.6							3.9	5.3
NNE	1.9	.6	1.3			1.3						5.2	9.3
NE	3.2	5.2	.6									9.1	4.1
ENE	2.6	9.7	1.3									13.6	4.4
E	11.0	15.6	1.9									28.6	4.0
ESE	6.5	5.2	.6	.6								13.0	4.0
SE	3.9	1.9										5.8	3.1
SSE	1.9	.6	.6	.6								3.9	5.0
S	.6	.6										1.3	3.0
SSW		.6										.6	4.0
SW				.6								.6	14.0
WSW			.6	.6								1.3	10.0
W													
WNW													
NW		1.3										1.3	4.0
NNW	.6	.6										1.3	4.0
VARBL													
CALM												10.4	
	35.1	42.9	7.1	2.6	.6	1.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.6	1.3									4.5	4.3
NNE	1.9	1.9		.6		.6						5.2	7.5
NE	3.9	6.5		1.9	.6							12.9	6.0
ENE	9.7	7.7		.6								18.1	3.9
E	9.0	12.9										21.9	3.5
ESE	5.8	.6	1.9									8.4	3.8
SE	3.2	1.3										4.5	2.9
SSE	.6	1.3										1.9	3.3
S	.6											.6	1.0
SSW													
SW													
WSW													
W			1.3	.6								1.9	10.7
WNW	.6		.6									1.3	4.5
NW		.6										.6	4.0
NNW	1.3				.6							1.9	7.3
VARBL													
CALM												16.1	
	39.4	33.5	5.2	3.9	1.3	.6						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3		1.3								4.5	6.4
NNE		1.9		1.3								3.2	8.0
NE	8.4	7.7	1.3	1.3	.6							19.4	4.9
ENE	9.0	2.6	.6									12.3	3.2
E	13.5	6.5	1.3	.6	.6							22.6	4.1
ESE	6.5	4.5										11.0	3.2
SE	3.2	1.3		.6								5.2	4.4
SSE	1.3	.6										1.9	3.0
S	1.3	.6										1.9	3.3
SSW		.6										.6	4.0
SW													
WSW	.6											.6	2.0
W				.6								.6	14.0
WNW	1.3	.6	.6									2.6	5.3
NW													
NNW	.6											.6	3.0
VARBL													
CALM												12.9	
	47.7	28.4	3.9	5.8	1.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				.6	.6							1.3	15.5
NE			.6	1.3	.6							2.6	12.8
ENE		.6	.6	1.3								2.6	10.8
E	.6	1.3	1.3	1.3								4.5	7.9
ESE	.6	1.3	1.9									3.9	7.0
SE	3.9	3.9										7.7	3.6
SSE	2.6	5.2	1.3	1.3								10.3	6.1
S	9.0	5.2	.6									14.8	2.9
SSW	2.6	.6	.6									3.9	3.5
SW	1.3											1.3	2.0
WSW	3.9	1.3										5.2	3.3
W	1.3	2.6										3.9	3.7
WNW	1.9	2.6	1.9		.6							7.1	6.1
NW		.6	.6									1.3	7.5
NNW	.6	.6		.6								1.9	7.0
VARBL													
CALM												27.7	
	28.4	25.8	9.7	6.5	1.9							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3			.6	.6							2.6	8.8
NNE			.6	1.3	.6							2.6	13.0
NE		1.3	1.3	.6								3.2	8.8
ENE			.6	1.3								1.9	10.7
E	.6	.6	.6	.6								2.6	6.3
ESE			1.3									1.3	10.0
SE	.6		1.9									2.6	7.0
SSE	1.3	1.9	3.9	.6	.6							8.4	8.4
S	.6	1.3	1.9	1.3								5.2	8.0
SSW	1.9	3.2										5.2	3.9
SW	1.9	1.9	1.3									5.2	4.6
WSW	1.9	5.2	2.6									9.7	5.5
W	5.8	13.5	3.9		1.3							24.5	5.6
WNW	3.2	5.8	1.3									10.3	4.3
NW	1.9	5.2										7.1	4.0
NNW	.6	.6			.6							1.9	9.7
VARBL													
CALM												5.8	
	21.9	40.6	21.3	6.5	3.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

ALL WEATHER CLASS | 16 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6			1.3								1.9	10.7
NNE	.6			2.6								3.2	10.6
NE		1.3	.6	.6								2.6	8.0
ENE													
E		1.3	1.3									2.6	7.3
ESE			.6	.6								1.3	12.0
SE			1.9	.6								2.6	9.8
SSE	2.6	2.6	3.2									8.4	5.5
S	3.2	2.6	3.9	1.3								11.0	6.3
SSW	.6	2.6										3.2	4.8
SW	1.3	1.3	.6									3.2	5.4
WSW	.6	7.1	3.2									11.0	6.2
W	5.2	23.2	4.5	3.2								36.1	5.7
WNW	.6	4.5	1.9									7.1	5.5
NW	1.9	1.3			.6							3.9	5.7
NNW		.6	.6									1.3	5.5
VARBL													
CALM												.6	
	17.4	48.4	22.6	10.3	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.2	.6	1.3								7.7	5.8
NNE	1.9	1.9										3.9	3.8
NE	3.2	5.2	.6	.6		.6						10.3	6.1
ENE	3.9	5.2	.6									9.7	4.1
E	11.6	6.5	1.3	.6								20.0	3.8
ESE	2.6	4.5	.6									7.7	4.1
SE	2.6			.6								3.2	4.4
SSE	1.9	1.3		.6								3.9	5.0
S	.6	.6										1.3	3.0
SSW		.6										.6	4.0
SW	.6											.6	2.0
WSW	.6	.6	.6	.6								2.6	7.3
W	.6	1.3										1.9	4.7
WNW	1.9		.6									2.6	3.8
NW	1.9	.6	.6									3.2	3.6
NNW	.6	.6										1.3	3.5
VARBL													
CALM												19.4	
	37.4	32.3	5.8	4.5		.6						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.0
NNE	1.9	2.6	.6	.6	.6							6.5	6.1
NE	1.9	7.7		2.6								12.3	6.3
ENE	5.2	7.1	.6	.6								13.5	4.5
E	9.0	13.5	.6									23.2	4.1
ESE	5.8	6.5	1.3									13.5	4.0
SE	1.3	1.9										3.2	3.8
SSE	.6	2.6	.6									3.9	5.5
S	1.3	.6	.6									2.6	4.0
SSW													
SW		.6										.6	5.0
WSW													
W	1.9	.6										2.6	2.8
WNW													
NW	.6	1.3										1.9	4.3
NNW	1.3											1.3	2.5
VARBL													
CALM												13.5	
	31.6	45.2	5.2	3.9	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.7	.3	.6	.2							3.3	6.2
NNE	1.0	1.1	.3	.9	.2	.2						3.9	8.2
NE	2.6	4.4	.6	1.1	.2	.1						9.0	5.9
ENE	3.8	4.1	.6	.5								9.0	4.4
E	6.9	7.3	1.0	.4	.1							15.7	4.2
ESE	3.5	2.8	1.0	.2								7.5	4.3
SE	2.3	1.3	.5	.2								4.4	4.3
SSE	1.6	2.0	1.2	.4	.1							5.3	5.9
S	2.2	1.5	.9	.3								4.8	4.6
SSW	.6	1.0	.1									1.8	4.0
SW	.6	.5	.2	.1								1.5	4.9
WSW	1.0	1.8	.9	.2								3.8	5.6
W	1.9	5.2	1.2	.6	.2							9.0	5.6
WNW	1.2	1.7	.9		.1							3.9	5.0
NW	.8	1.4	.2		.1							2.4	4.5
NNW	.7	.4	.1	.1	.2							1.5	5.9
VARBL													
CALM												13.3	
	32.4	37.1	10.1	5.5	1.3	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1239

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4										2.1	3.7
NNE	1.4	1.4		.7								3.5	5.6
NE	3.5	5.7	.7	.7								10.6	4.9
ENE	5.0	3.5										8.5	3.3
E	14.9	15.6	1.4	1.4								33.3	4.2
ESE	3.5	4.3	2.8									10.6	4.9
SE	2.1	4.3		.7								7.1	5.1
SSE	.7	1.4										2.1	4.3
S	1.4											1.4	2.5
SSW		.7										.7	5.0
SW	.7											.7	3.0
WSW	.7											.7	3.0
W	1.4	.7										2.1	3.3
WNW		.7										.7	4.0
NW													
NNW	.7											.7	1.0
VARBL													
CALM												14.9	
	36.9	39.7	5.0	3.5								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1		1.4									3.5	5.0
NNE	2.1	1.4					.7					4.3	7.2
NE	4.3	4.3			1.4							9.9	5.4
ENE	9.2	5.7										14.9	3.2
E	13.5	12.8	1.4									27.7	3.6
ESE	2.1	3.5	1.4									7.1	4.8
SE	2.1	2.1	.7	.7								5.7	5.3
SSE	3.5	.7	.7		.7							5.7	5.8
S		.7										.7	4.0
SSW		.7										.7	4.0
SW													
WSW													
W	.7	.7										1.4	3.5
WNW	.7											.7	1.0
NW													
NNW	1.4	.7										2.1	2.7
VARBL													
CALM												15.6	
	41.8	33.3	5.7	.7	2.1		.7					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	.7										2.8	2.3
NNE	7.1	.7	.7		2.1	.7						11.3	7.5
NE	1.4	2.1		.7								4.3	5.3
ENE	10.6	8.5										19.1	3.4
E	16.3	7.8	.7	1.4								26.2	3.6
ESE	4.3	4.3	1.4									9.9	4.0
SE	.7	2.1		.7								3.5	6.2
SSE	2.1	.7	.7									3.5	4.2
S	.7											.7	3.0
SSW	.7											.7	3.0
SW													
WSW													
W		.7										.7	4.0
WNW													
NW													
NNW	.7	.7										1.4	3.5
VARBL													
CALM												15.6	
	46.8	28.4	3.5	2.8	2.1	.7						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH

ALL WEATHER CLASS | 10 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.7		.7							1.4	13.5
NNE	1.4	.7		1.4	.7							4.3	8.7
NE			1.4	1.4								2.8	10.5
ENE	.7			1.4								2.1	9.7
E	.7	2.1		.7								3.5	4.8
ESE		.7	3.5									4.3	7.5
SE	.7	2.8	4.3									7.8	6.5
SSE	4.3	1.4	1.4	.7								7.8	4.6
S	3.5	2.1	.7									6.4	3.7
SSW	2.1	2.8										5.0	3.6
SW	5.0	2.1										7.1	2.4
WSW	4.3	1.4										5.7	2.6
W	4.3	1.4	.7									6.4	3.7
WNW	2.8	.7	.7									4.3	3.5
NW	.7											.7	3.0
NNW	.7	.7										1.4	4.5
VARBL													
CALM												29.1	
	31.2	19.1	13.5	5.7	1.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7		1.4								2.1	10.7
NNE			1.4	.7								2.1	10.0
NE		.7	.7	.7								2.1	9.0
ENE			1.4		.7							2.1	12.0
E		.7	.7									1.4	6.5
ESE		.7	1.4									2.1	6.3
SE		.7	.7	1.4								2.8	9.5
SSE		2.1	1.4	.7								4.3	7.7
S	1.4	6.4	.7	2.1								10.6	6.3
SSW	1.4	2.1		.7	.7							5.0	6.6
SW	.7	.7	1.4	2.1								5.0	8.6
WSW	1.4	5.7	3.5	1.4								12.1	7.0
W	2.1	15.6	8.5	.7								27.0	6.0
WNW	3.5	5.7	.7									9.9	4.1
NW	.7	2.1										2.8	4.0
NNW		1.4	.7									2.1	5.7
VARBL													
CALM												6.4	
	11.3	45.4	23.4	12.1	1.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7		.7								2.1	6.3
NNE		.7	2.1	.7								3.5	8.0
NE		1.4	.7	1.4	.7							4.3	10.5
ENE													
E													
ESE	.7		.7									1.4	5.0
SE		.7	.7	.7								2.1	7.7
SSE		2.8	3.5									6.4	7.0
S		2.1	3.5	.7								6.4	7.4
SSW	.7	1.4	.7									2.8	5.8
SW		1.4	2.8									4.3	8.0
WSW	2.1	7.1	8.5	3.5								21.3	7.6
W	2.1	14.2	7.1	1.4								24.8	5.9
WNW	2.8	9.2	3.5									15.6	5.0
NW	.7	1.4										2.1	4.0
NNW				.7								.7	11.0
VARBL													
CALM												2.1	
	9.9	43.3	34.0	9.9	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	.7	.7									7.1	3.2
NNE	4.3	.7	1.4	.7								7.1	5.0
NE	2.1	.7		.7								3.5	5.0
ENE	3.5	4.3	.7	.7								9.2	4.6
E	7.1	4.3	1.4									12.8	3.9
ESE	4.3	2.1	.7									7.1	3.8
SE	1.4	.7	.7	.7								3.5	5.6
SSE	1.4	2.8	.7									5.0	4.1
S	.7	.7										1.4	3.5
SSW	1.4											1.4	2.5
SW	2.1	2.1		.7								5.0	4.7
WSW	1.4											1.4	3.0
W	4.3	.7										5.0	2.4
WNW	3.5	2.8										6.4	3.6
NW	4.3	.7	.7									5.7	3.1
NNW	.7	.7										1.4	3.0
VARBL													
CALM												17.0	
	48.2	24.1	7.1	3.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4											1.4	2.5
NNE	5.7		.7		.7							7.1	4.4
NE	4.3	3.5	1.4			.7						9.9	5.4
ENE	5.0	5.0		.7								10.6	4.4
E	12.8	15.6	1.4	.7								30.5	4.0
ESE	3.5	3.5	2.8	.7								10.6	5.1
SE	2.8	2.8		.7								6.4	4.8
SSE	.7	.7										1.4	3.0
S	.7	.7										1.4	2.5
SSW	1.4	.7										2.1	3.3
SW		1.4										1.4	4.5
WSW													
W													
WNW	.7											.7	2.0
NW	.7											.7	3.0
NNW	1.4											1.4	2.5
VARBL													
CALM												14.2	
	41.1	34.0	6.4	2.8	.7	.7						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.5	.4	.3	.1							2.8	5.0
NNE	2.7	.7	.8	.5	.4	.1	.1					5.4	6.7
NE	2.0	2.3	.6	.7	.3	.1						5.9	6.2
ENE	4.3	3.4	.3	.4	.1							8.3	4.2
E	8.2	7.4	.9	.5								16.9	3.9
ESE	2.3	2.4	1.9	.1								6.6	4.9
SE	1.2	2.0	.9	.7								4.9	6.0
SSE	1.6	1.6	1.1	.2	.1							4.5	5.4
S	1.1	1.6	.6	.4								3.6	5.3
SSW	1.0	1.1	.1	.1	.1							2.3	4.7
SW	1.1	1.0	.5	.4								2.9	5.4
WSW	1.2	1.8	1.5	.6								5.1	6.5
W	1.9	4.3	2.0	.3								8.4	5.3
WNW	1.8	2.4	.6									4.8	4.2
NW	.9	.5	.1									1.5	3.5
NNW	.7	.5	.1	.1								1.4	4.0
VARBL													
CALM												14.4	
	33.4	33.4	12.3	5.1	1.1	.2	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1128

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	3.0
NNE	2.6	1.3	1.3									5.2	4.9
NE	4.5	1.3	.6		.6							7.1	4.8
ENE	7.1	2.6	.6									10.3	3.3
E	7.7	15.5	1.3									24.5	4.0
ESE	4.5	6.5	1.3									12.3	4.1
SE	5.2	2.6	.6									8.4	3.7
SSE	1.9	1.3	.6	.6								4.5	6.0
S	1.9	.6										2.6	2.5
SSW													
SW		1.3										1.3	5.0
WSW	.6											.6	3.0
W	1.3	.6	.6									2.6	4.5
WNW		.6										.6	6.0
NW	1.3											1.3	2.5
NNW	1.3											1.3	2.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.8	
	41.3	35.5	7.1	.6	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3		.6								3.2	5.4
NNE	3.2	1.3	.6									5.2	3.4
NE	3.2	1.9		1.3	.6							7.1	6.3
ENE	6.5	3.9										10.3	3.2
E	13.5	12.9	1.3	.6								28.4	4.0
ESE	6.5	5.2	1.3									12.9	3.6
SE	2.6	3.2	.6									6.5	4.1
SSE	1.9											1.9	2.3
S	.6	1.3	.6									2.6	4.5
SSW		.6										.6	6.0
SW	.6											.6	1.0
WSW	1.3											1.3	2.0
W	1.3	.6										1.9	3.3
WNW													
NW													
NNW	.6											.6	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.8	
	43.2	32.3	4.5	2.6	.6							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE	.6	.6			.6							1.9	8.0
NE	3.2	2.6		.6								6.5	4.3
ENE	8.4	3.9	.6	.6		.6						14.2	4.8
E	14.2	9.0	2.6	.6								26.5	3.8
ESE	5.8	.6	.6									7.1	2.7
SE	3.2	3.9	.6									7.7	4.1
SSE	3.2	1.3										4.5	3.0
S	1.9	.6	.6									3.2	3.0
SSW		.6										.6	5.0
SW			.6									.6	10.0
WSW		.6	1.3									1.9	7.7
W													
WNW													
NW													
NNW													
VARBL													
CALM												23.9	
	41.9	23.9	7.1	1.9	.6	.6						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE	.6	.6										1.3	3.5
NE			.6	1.3	.6							2.6	13.5
ENE		.6										.6	5.0
E	.6		1.3									1.9	6.3
ESE	1.9	1.9										3.9	4.0
SE	.6	2.6	1.9	1.9								7.1	7.6
SSE	1.3	5.8	3.2									10.3	5.9
S	5.8	5.2	1.9									12.9	4.3
SSW	1.9	1.9										3.9	3.3
SW	1.9	.6	1.9									4.5	5.3
WSW	2.6	2.6	3.2	.6								9.0	5.9
W	5.8	7.1	1.9	.6								15.5	4.6
WNW	1.3	1.9										3.2	3.4
NW	3.2	.6		1.3								5.2	5.1
NNW	1.3				.6							1.9	8.0
VARBL													
CALM												15.5	
	29.0	32.3	16.1	5.8	1.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3		.6	1.3								3.2	8.2
NNE													
NE				.6								.6	12.0
ENE	.6	.6	.6	.6								2.6	7.0
E		.6										.6	6.0
ESE	.6			.6								1.3	8.5
SE	.6		.6									1.3	4.5
SSE	.6	3.2	3.9	1.9								9.7	7.7
S	1.3	1.9	3.2	1.9								8.4	8.0
SSW	1.3	3.2	1.3	2.6	.6							9.0	8.2
SW	2.6	1.3	5.2									9.0	5.9
WSW		5.2	3.9	1.3	.6							11.0	7.6
W	.6	11.0	12.9	1.9	1.3							27.7	7.8
WNW	1.3	4.5	.6									6.5	4.9
NW	.6	1.9	1.3		.6							4.5	7.6
NNW		.6										.6	6.0
VARBL													
CALM												3.9	
	11.6	34.2	34.2	12.9	3.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.6									.6	10.0
NNE				.6								.6	14.0
NE		.6	.6									1.3	7.5
ENE													
E		1.3										1.3	5.5
ESE		.6	.6	.6								1.9	8.0
SE		.6	.6	.6								1.9	9.0
SSE		1.3	.6	2.6								4.5	9.9
S	3.2	3.2	5.2	.6								12.3	6.1
SSW		3.2	2.6									5.8	6.8
SW	1.9	3.9	4.5	1.9								12.3	7.4
WSW	.6	3.9	7.7	3.9								16.1	8.5
W	1.3	7.7	12.9	5.8								27.7	8.5
WNW	1.9	1.9	1.9	.6	.6							7.1	6.9
NW	1.3	1.3	1.3									3.9	5.3
NNW		.6										.6	5.0
VARBL													
CALM												1.9	
	10.3	30.3	39.4	17.4	.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2											3.2	2.0
NNE													
NE					.6							.6	18.0
ENE	2.6	2.6										5.2	3.3
E	3.2	3.9	1.3									8.4	3.9
ESE			2.6	.6								3.2	9.2
SE	1.3	1.3	1.9	.6								5.2	6.3
SSE	1.9	1.9	1.3									5.2	4.3
S	.6	3.9	.6									5.2	4.9
SSW	1.9	1.9										3.9	3.3
SW	2.6	1.3	1.9									5.8	5.0
WSW	3.2	4.5	.6									8.4	4.2
W	9.0	7.7	.6									17.4	3.1
WNW	7.7		.6									8.4	2.5
NW		.6										.6	4.0
NNW	.6		.6									1.3	4.5
VARBL													
CALM												18.1	
	38.1	29.7	12.3	1.3	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.5
NNE	3.2		.6									3.9	3.0
NE	2.6	1.3			.6							4.5	5.3
ENE	6.5	3.9	1.3									11.6	3.9
E	12.9	11.0	1.3									25.2	3.7
ESE	4.5	4.5	1.3									10.3	3.9
SE	2.6	1.9	.6									5.2	3.4
SSE	1.9	.6	1.3	1.3								5.2	6.6
S	3.2	1.3										4.5	2.4
SSW	.6											.6	2.0
SW		.6	.6									1.3	7.0
WSW	1.3	.6										1.9	3.0
W	1.3											1.3	2.5
WNW	1.9	1.3	.6									3.9	4.3
NW	.6											.6	1.0
NNW	1.9											1.9	2.3
VARBL													
CALM												16.8	
	46.5	27.1	7.7	1.3	.6							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.2	.2								2.0	4.6
NNE	1.3	.5	.3	.1	.1							2.3	4.6
NE	1.7	1.0	.2	.5	.4							3.8	6.4
ENE	4.0	2.3	.4	.2		.1						6.9	4.0
E	6.5	6.8	1.1	.2								14.6	4.0
ESE	3.0	2.4	1.0	.2								6.6	4.3
SE	2.0	2.0	1.0	.4								5.4	5.0
SSE	1.6	1.9	1.4	.8								5.7	6.1
S	2.3	2.3	1.5	.3								6.5	5.1
SSW	.7	1.5	.5	.3	.1							3.1	6.0
SW	1.2	1.1	1.9	.2								4.4	6.2
WSW	1.2	2.2	2.1	.7	.1							6.3	6.6
W	2.6	4.4	3.6	1.0	.2							11.8	6.4
WNW	1.8	1.3	.5	.1	.1							3.7	4.5
NW	.9	.6	.3	.2	.1							2.0	5.4
NNW	.7	.2	.1		.1							1.0	4.5
VARBL													
CALM												14.0	
	32.7	30.6	16.0	5.5	1.0	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3										2.7	3.8
NNE	1.3	2.0		.7								4.0	5.0
NE	6.7	1.3										8.0	2.5
ENE	7.3	3.3										10.7	3.0
E	11.3	15.3	.7									27.3	3.7
ESE	6.7	4.0	1.3									12.0	3.8
SE	4.0	4.0										8.0	3.3
SSE	2.0	1.3	.7									4.0	4.0
S	.7											.7	2.0
SSW	.7	.7										1.3	3.5
SW		.7										.7	6.0
WSW	1.3	.7		.7								2.7	5.3
W													
WNW	.7	.7			.7							2.0	8.7
NW	1.3											1.3	3.0
NNW	.7											.7	2.0
VARBL													
CALM												14.0	
	46.0	35.3	2.7	1.3	.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0		.7	.7	.7							4.0	8.2
NNE	2.0	1.3										3.3	2.8
NE	4.0	5.3										9.3	3.6
ENE	3.3	8.0										11.3	3.8
E	14.7	14.0										28.7	3.5
ESE	8.7	3.3										12.0	2.9
SE	4.0	1.3										5.3	2.5
SSE	2.0											2.0	2.0
S	1.3											1.3	2.5
SSW	.7											.7	3.0
SW													
WSW	.7											.7	3.0
W	1.3			.7								2.0	6.7
WNW	.7											.7	1.0
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.7	
	45.3	33.3	.7	1.3	.7							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0			.7								2.7	4.5
NNE	1.3	.7		.7								2.7	5.3
NE	.7	.7	.7									2.0	4.7
ENE	2.7	2.0										4.7	3.0
E	4.0	7.3	.7									12.0	4.2
ESE	6.0	8.7										14.7	3.5
SE	4.7	2.7	1.3									8.7	4.1
SSE	4.0	1.3				.7						6.0	5.1
S	3.3											3.3	2.0
SSW	.7	.7										1.3	3.5
SW	1.3											1.3	2.5
WSW	1.3	.7										2.0	3.3
W			.7									.7	7.0
WNW													
NW	.7											.7	2.0
NNW	.7											.7	1.0
VARBL													
CALM												36.7	
	33.3	24.7	3.3	1.3		.7						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3		1.3	.7	.7							4.0	9.0
NNE	.7											.7	1.0
NE	.7											.7	2.0
ENE													
E	1.3	.7	.7									2.7	4.8
ESE	2.0	.7	.7									3.3	4.4
SE	1.3	2.0		.7								4.0	4.7
SSE	3.3	1.3	2.0									6.7	4.3
S	5.3	4.7	3.3									13.3	4.5
SSW	2.0	4.0	.7	.7								7.3	5.1
SW	.7	2.0	.7									3.3	5.0
WSW	3.3	4.0			.7							8.0	4.5
W	4.7	5.3	3.3	.7								14.0	5.0
WNW	2.7	5.3										8.0	3.8
NW	2.7	.7	1.3									4.7	4.4
NNW	2.0	.7										2.7	2.8
VARBL													
CALM												16.7	
	34.0	31.3	14.0	2.7	1.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 150

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7				.7							1.3	11.0
NNE			.7									.7	10.0
NE													
ENE													
E		.7										.7	5.0
ESE	.7			.7								1.3	7.0
SE	1.3	1.3	1.3	1.3								5.3	6.6
SSE	.7		2.0									2.7	7.0
S		4.0	4.7	1.3								10.0	8.0
SSW	.7	1.3	2.0	4.0								8.0	9.5
SW	.7	2.0	4.7	.7								8.0	8.0
WSW		5.3	5.3	4.0	1.3							16.0	9.2
W	2.7	5.3	19.3	4.0	.7	.7						32.7	8.4
WNW	.7	5.3	2.0									8.0	5.7
NW		.7	.7									1.3	5.5
NNW													
VARBL													
CALM												4.0	
	8.0	26.0	42.7	16.0	2.7	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.7								.7	16.0
NNE													
NE													
ENE													
E			.7	.7								1.3	10.5
ESE													
SE	.7	.7	.7	.7								2.7	7.3
SSE		2.7	2.7									5.3	6.9
S	1.3	6.0	6.0									13.3	6.4
SSW		1.3	2.7	.7								4.7	8.4
SW		1.3	5.3	2.7								9.3	8.8
WSW	1.3	4.0	7.3	4.7								17.3	8.6
W		12.7	15.3	7.3		.7						36.0	8.4
WNW	.7	4.7	3.3									8.7	6.4
NW													
NNW					.7							.7	17.0
VARBL													
CALM												.0	
	4.0	33.3	44.0	17.3	.7	.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.7								.7	16.0
NNE													
NE		1.3										1.3	4.5
ENE		.7										.7	4.0
E	1.3	1.3	.7									3.3	5.2
ESE	.7											.7	3.0
SE	.7	1.3	2.0									4.0	5.8
SSE	.7	4.7	3.3									8.7	5.4
S	2.7	5.3	2.0									10.0	4.8
SSW	1.3	2.0										3.3	3.8
SW	2.7	2.7	.7									6.0	4.1
WSW	6.0	8.7	2.0									16.7	4.3
W	10.7	4.7	1.3	2.0								18.7	4.5
WNW	4.7	2.0										6.7	2.9
NW	3.3											3.3	2.0
NNW		1.3										1.3	5.0
VARBL													
CALM												14.7	
	34.7	36.0	12.0	2.7								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.3										3.3	2.8
NNE	2.0	.7	.7									3.3	3.8
NE	3.3	2.0	.7									6.0	3.9
ENE	2.0	4.0										6.0	3.8
E	16.0	10.0	.7									26.7	3.3
ESE	10.0	2.7	.7	.7								14.0	3.6
SE	.7	2.7	.7									4.0	4.8
SSE	.7	4.0										4.7	4.7
S	.7											.7	3.0
SSW	.7	.7										1.3	3.0
SW	.7	1.3										2.0	4.3
WSW	1.3	1.3										2.7	3.8
W	1.3	1.3										2.7	3.3
WNW	1.3	.7										2.0	2.3
NW													
NNW													
VARBL													
CALM												20.7	
	42.7	32.7	3.3	.7								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.3	.2	.4	.2							2.4	7.0
NNE	.9	.6	.2	.2								1.8	4.3
NE	1.9	1.3	.2									3.4	3.4
ENE	1.9	2.2										4.2	3.4
E	6.1	6.2	.5	.1								12.8	3.7
ESE	4.3	2.4	.3	.2								7.2	3.6
SE	2.2	2.0	.7	.3								5.2	4.6
SSE	1.7	1.9	1.3			.1						5.0	5.1
S	1.9	2.5	2.0	.2								6.6	5.4
SSW	.8	1.3	.7	.7								3.5	6.5
SW	.7	1.2	1.4	.4								3.8	6.6
WSW	1.9	3.1	1.8	1.2	.2							8.2	6.6
W	2.6	3.7	5.0	1.8	.1	.2						13.3	7.1
WNW	1.4	2.3	.7		.1							4.5	4.8
NW	1.0	.2	.2									1.4	3.5
NNW	.4	.2			.1							.7	4.6
VARBL													
CALM												15.7	
	31.0	31.6	15.3	5.4	.7	.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.0
NNE													
NE	2.6	.6										3.2	2.8
ENE	7.1	3.2					.6					11.0	4.6
E	9.7	5.2	1.3									16.1	3.4
ESE	5.2	3.9	.6									9.7	3.5
SE	1.3	3.9	1.9									7.1	4.8
SSE	1.9	5.2	.6									7.7	4.1
S	1.9	4.5										6.5	4.0
SSW	1.9	1.3										3.2	2.8
SW	3.2											3.2	2.2
WSW	1.3	.6	.6									2.6	4.5
W	1.9	1.3										3.2	3.4
WNW	1.9											1.9	2.3
NW	.6											.6	3.0
NNW		.6										.6	5.0
VARBL													
CALM												21.9	
	41.3	31.0	5.2				.6					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6										1.9	2.7
NNE	2.6	.6										3.2	2.4
NE	3.2	.6										3.9	2.2
ENE	1.9	1.3										3.2	3.4
E	12.9	11.0	.6									24.5	3.5
ESE	7.7	2.6	.6									11.0	3.1
SE	2.6	3.2	.6									6.5	3.8
SSE	5.2	3.9	1.3									10.3	3.4
S	3.9	2.6	1.3									7.7	3.8
SSW	1.3	1.3										2.6	3.8
SW	2.6											2.6	2.3
WSW													
W	1.9	1.9										3.9	2.8
WNW	1.9											1.9	2.3
NW		.6										.6	5.0
NNW	.6	.6										1.3	3.0
VARBL													
CALM												14.8	
	49.7	31.0	4.5									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	1.5
NNE	.6	.6										1.3	4.0
NE	1.3											1.3	2.0
ENE	.6											.6	2.0
E	3.9	3.9	.6									8.4	4.2
ESE	3.9	5.8	2.6									12.3	4.7
SE	5.2	4.5	2.6									12.3	3.7
SSE	7.1	5.2										12.3	3.3
S	5.2	1.3										6.5	2.8
SSW	1.3	.6										1.9	2.7
SW	.6		.6									1.3	5.5
WSW	1.9	1.3	.6									3.9	3.5
W	1.9											1.9	2.0
WNW	1.3	.6										1.9	3.0
NW	2.6	1.9										4.5	3.4
NNW	1.3											1.3	1.5
VARBL													
CALM												27.1	
	40.0	25.8	7.1									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

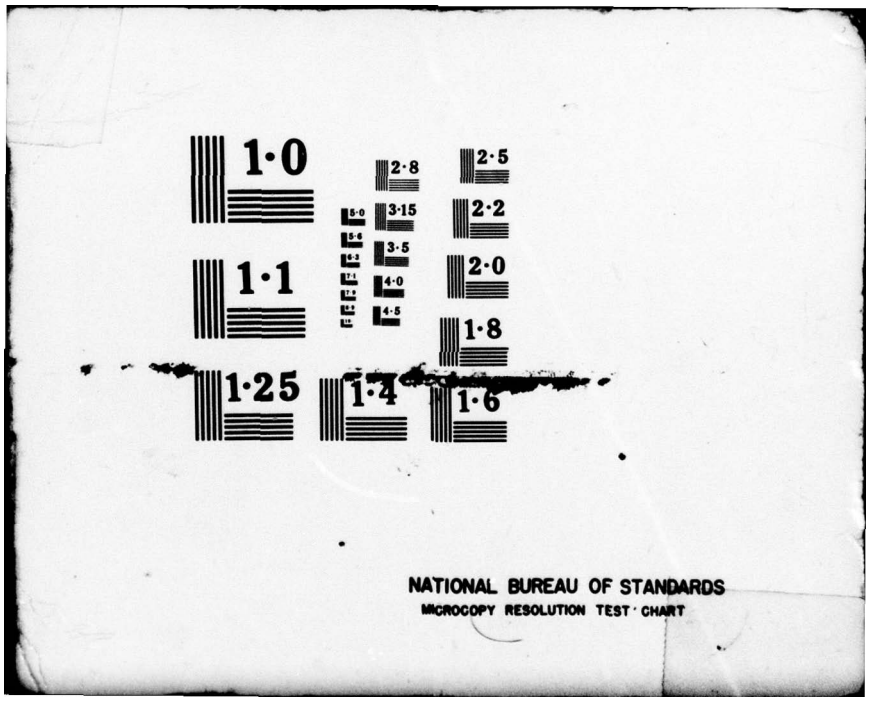
5702 SURFACE WINDS JAN 78

AD-A060 975 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) EL TORO,--ETC(U)
JUL 78

UNCLASSIFIED NL

2 OF 4
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060975




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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3										3.2	3.2
NNE	.6											.6	2.0
NE		.6										.6	4.0
ENE	.6											.6	2.0
E	.6											.6	2.0
ESE	.6	1.3	.6									2.6	5.0
SE	3.2		.6									3.9	3.3
SSE	2.6	4.5	2.6									9.7	5.1
S	3.2	5.2	3.2	.6								12.3	5.6
SSW	3.9	4.5	1.3									9.7	4.5
SW	3.9	5.2	1.3									10.3	4.1
WSW	2.6	3.2	.6									6.5	3.9
W	7.1	3.9	.6									11.6	3.4
WNW	5.2	3.9	.6									9.7	3.7
NW	1.9	.6										2.6	2.8
NNW	.6	1.3										1.9	4.3
VARBL													
CALM												13.5	
	38.7	35.5	11.6	.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	.6											.6	3.0
E													
ESE													
SE	.6	1.3										1.9	4.0
SSE		4.5	3.9	1.3								9.7	7.4
S	.6	3.2	1.3	.6								5.8	6.9
SSW	2.6	1.3	2.6	3.2								9.7	7.5
SW		4.5	3.9	.6								9.0	7.0
WSW	.6	4.5	7.1	.6								12.9	7.3
W	3.2	9.0	15.5	2.6								30.3	7.1
WNW	1.3	4.5	8.4	.6								14.8	7.0
NW		.6										.6	4.0
NNW	.6	1.3										1.9	4.3
VARBL													
CALM												2.6	
	10.3	34.8	42.6	9.7								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	.6	1.3		.6								2.6	6.5
SSE		1.9	1.3	.6								3.9	7.5
S	3.2	3.9	7.1	.6								14.8	6.3
SSW		3.9	2.6									6.5	6.3
SW		.6	1.3									1.9	7.0
WSW		4.5	9.0	3.9								17.4	8.3
W	1.9	10.3	19.4	1.3								32.9	7.3
WNW	1.3	6.5	5.8									13.5	6.1
NW		2.6	1.3									3.9	6.6
NNW		1.9										1.9	4.7
VARBL													
CALM												.6	
	7.1	37.4	47.7	7.1								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	.6		.6									1.3	5.5
ESE	1.3	.6										1.9	3.7
SE	1.3	2.6	.6									4.5	4.4
SSE		6.5	1.9									8.4	5.5
S	3.9	12.3	4.5									20.6	5.3
SSW	1.9	3.9	.6									6.5	4.4
SW	1.3	5.8	.6									7.7	4.8
WSW	3.2	7.1	1.9									12.3	4.8
W	3.2	17.4	2.6									23.2	4.7
WNW	5.2	5.2										10.3	3.6
NW	1.3	.6										1.9	2.7
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.3	
	23.2	61.9	13.5									100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.6										3.2	2.4
NNE	2.6											2.6	2.3
NE	1.3											1.3	2.0
ENE	4.5	1.3										5.8	2.8
E	11.6	6.5	1.3									19.4	3.5
ESE	3.2	4.5	.6	.6								9.0	4.6
SE	1.9	2.6										4.5	3.6
SSE	2.6	4.5	1.9									9.0	4.8
S	3.9	4.5										8.4	3.8
SSW	1.3	1.3										2.6	3.3
SW		1.3										1.3	5.0
WSW	1.9	1.9	.6									4.5	3.9
W	2.6	3.9										6.5	3.3
WNW	1.3	1.3										2.6	3.3
NW													
NNW	1.3											1.3	2.5
VARBL													
CALM												18.1	
	42.6	34.2	4.5	.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4										1.4	2.6
NNE	.8	.2										1.0	2.6
NE	1.0	.2										1.3	2.4
ENE	1.9	.7					.1					2.7	3.7
E	4.9	3.3	.6									8.8	3.6
ESE	2.7	2.3	.6	.1								5.8	4.0
SE	2.1	2.4	.8	.1								5.4	4.1
SSE	2.4	4.5	1.7	.2								8.9	4.9
S	3.2	4.7	2.2	.2								10.3	5.1
SSW	1.8	2.3	.9	.4								5.3	5.1
SW	1.5	2.2	1.0	.1								4.7	4.9
WSW	1.5	2.9	2.6	.6								7.5	6.1
W	3.0	6.0	4.8	.5								14.2	5.8
WNW	2.4	2.7	1.9	.1								7.1	5.0
NW	.8	.9	.2									1.9	4.0
NNW	.6	.7										1.3	3.7
VARBL													
CALM												12.5	
	31.6	36.5	17.1	2.3			.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0											2.0	2.3
NNE	.7											.7	3.0
NE	1.3											1.3	3.0
ENE	2.0											2.0	2.7
E	13.3	6.0	.7									20.0	3.2
ESE	6.7	2.7	.7									10.0	3.3
SE	4.0	3.3	.7									8.0	3.6
SSE	.7	1.3	.7									2.7	4.3
S	1.3	4.7	1.3									7.3	4.3
SSW	.7	2.0										2.7	4.0
SW		1.3										1.3	4.5
WSW	.7	.7										1.3	3.0
W	4.7											4.7	2.1
WNW	1.3	.7										2.0	2.7
NW	1.3											1.3	2.0
NNW	2.0	1.3										3.3	3.8
VARBL													
CALM												29.3	
	42.7	24.0	4.0									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.7											.7	1.0
NE	2.0											2.0	2.0
ENE	6.0	1.3										7.3	2.5
E	13.3	8.7										22.0	3.0
ESE	6.0	4.0										10.0	3.3
SE	2.0	4.7										6.7	4.2
SSE	4.0	.7	.7									5.3	3.0
S	2.7	4.0										6.7	3.2
SSW	1.3	1.3										2.7	4.3
SW	.7											.7	2.0
WSW	.7	.7										1.3	2.5
W		1.3										1.3	4.5
WNW	2.0											2.0	1.7
NW	.7											.7	3.0
NNW	4.0											4.0	2.0
VARBL													
CALM												26.7	
	46.0	26.7	.7									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7										2.0	2.3
NNE	1.3	.7										2.0	2.7
NE	.7											.7	2.0
ENE	2.0	.7										2.7	2.8
E	4.7	1.3										6.0	3.1
ESE	1.3	2.7	.7									4.7	4.7
SE	7.3	2.0	1.3									10.7	3.4
SSE	4.0	2.0	2.0									8.0	3.9
S	6.7	2.7	.7									10.0	3.3
SSW		.7										.7	6.0
SW	.7											.7	1.0
WSW	.7	.7										1.3	3.0
W	6.7											6.7	2.1
WNW	2.0	.7										2.7	2.8
NW	2.0	1.3										3.3	3.2
NNW	.7	1.3										2.0	4.0
VARBL													
CALM												36.0	
	42.0	17.3	4.7									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3										2.0	3.3
NNE													
NE													
ENE													
E	1.3	.7										2.0	2.3
ESE	.7											.7	3.0
SE													
SSE	3.3	2.7		.7								6.7	4.3
S	2.7	4.0										6.7	4.1
SSW	1.3	4.0		.7								6.0	4.6
SW	3.3	2.7										6.0	3.2
WSW	4.0	6.7	1.3									12.0	4.1
W	5.3	8.7	4.0									18.0	4.8
WNW	1.3	6.0	1.3									8.7	4.8
NW	2.0	7.3	.7									10.0	4.5
NNW	.7	2.0										2.7	4.5
VARBL													
CALM												18.7	
	26.7	46.0	7.3	1.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		1.3										1.3	6.0
SSE													
S		3.3	2.0									5.3	5.9
SSW	.7	2.0	.7									3.3	5.6
SW		.7										.7	6.0
WSW	1.3	1.3	6.7	.7								10.0	7.3
W	2.0	6.7	31.3	2.7	.7							43.3	8.1
WNW	2.0	5.3	12.0	2.0								21.3	7.3
NW		6.0	3.3	1.3								10.7	7.4
NNW		1.3	.7									2.0	6.7
VARBL													
CALM												2.0	
	6.0	28.0	56.7	6.7	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE	.7	.7										1.3	3.5
SE		.7	.7									1.3	7.5
SSE		.7										.7	4.0
S		3.3	4.7									8.0	7.3
SSW			1.3									1.3	9.0
SW	1.3		1.3									2.7	5.8
WSW	1.3	4.0	7.3									12.7	6.9
W	1.3	12.0	30.0	1.3								44.7	7.4
WNW		8.7	10.7									19.3	7.0
NW	.7	2.0	2.7	.7								6.0	7.4
NNW			1.3									1.3	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.7	
	5.3	32.0	60.0	2.0								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) — EL TORO, CALIFORNIA (STATION NAME) — 73-77 (YEARS) — JUN (MONTH)

ALL WEATHER (CLASS) — 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE													
NE													
ENE	.7											.7	3.0
E													
ESE													
SE		1.3	.7									2.0	5.3
SSE	2.7	2.7	1.3									6.7	5.0
S		4.7	5.3									10.0	6.9
SSW		4.0	.7									4.7	5.6
SW		.7										.7	6.0
WSW	.7	2.0	2.0									4.7	6.1
W	6.0	30.7	6.0									42.7	5.1
WNW	4.0	14.0	1.3									19.3	4.5
NW	1.3	4.7										6.0	4.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.0	
	16.0	64.7	17.3									100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	1.3											1.3	2.5
E	11.3	2.0										13.3	2.4
ESE	3.3	2.0										5.3	2.9
SE	2.7	4.0										6.7	3.7
SSE	4.0	3.3	2.0									9.3	4.4
S	4.0	5.3										9.3	3.4
SSW	2.7	1.3										4.0	3.2
SW	.7	1.3										2.0	3.7
WSW	2.7	.7										3.3	3.0
W	6.0	2.0										8.0	2.8
WNW	8.0	.7										8.7	2.5
NW	3.3	.7										4.0	2.3
NNW	2.0	1.3										3.3	3.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.3	
	52.0	24.7	2.0									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2										.8	2.6
NNE	.3	.1										.4	2.4
NE	.5											.5	2.3
ENE	1.5	.2										1.7	2.6
E	5.5	2.3	.1									7.9	2.9
ESE	2.3	1.5	.2									4.0	3.4
SE	2.0	2.2	.4									4.6	4.0
SSE	2.3	1.7	.8	.1								4.9	4.2
S	2.2	4.0	1.7									7.9	4.8
SSW	.8	1.9	.3	.1								3.2	4.8
SW	.8	.8	.2									1.8	4.0
WSW	1.5	2.1	2.2	.1								5.8	5.6
W	4.0	7.7	8.9	.5	.1							21.2	6.1
WNW	2.6	4.5	3.2	.2								10.5	5.5
NW	1.4	2.7	.8	.2								5.2	5.2
NNW	1.2	.9	.2									2.3	4.0
VARBL													
CALM												17.1	
	29.6	32.9	19.1	1.2	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.6										3.2	2.6
NNE													
NE													
ENE	1.3	.6										1.9	3.0
E	13.5	8.4	.6									22.6	3.2
ESE	7.1	5.2	.6									12.9	3.7
SE	2.6	1.3	.6									4.5	3.3
SSE	3.2	2.6										5.8	3.2
S	1.9	2.6	.6									5.2	4.1
SSW													
SW		1.9										1.9	4.0
WSW	1.3											1.3	3.0
W	2.6											2.6	2.0
WNW	5.2	.6										5.8	2.6
NW	1.3											1.3	1.5
NNW	2.6	.6										3.2	2.6
VARBL													
CALM												27.7	
	45.2	24.5	2.6									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JUL MONTH

ALL WEATHER CLASS | 04 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.5
NNE		1.3										1.3	4.0
NE		.6										.6	5.0
ENE	1.9	.6										2.6	2.5
E	11.0	11.6	.6									23.2	3.6
ESE	3.9	3.2										7.1	3.2
SE	2.6	1.9										4.5	3.4
SSE	1.9	1.9										3.9	3.2
S	3.2	3.9										7.1	3.4
SSW	.6											.6	2.0
SW	1.3	.6										1.9	2.7
WSW	.6											.6	3.0
W	4.5	.6										5.2	2.1
WNW	3.2											3.2	1.6
NW	3.9	.6										4.5	2.7
NNW	1.9	.6										2.6	2.5
VARBL													
CALM												29.7	
	41.9	27.7	.6									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3										1.9	3.3
NNE	1.3											1.3	2.5
NE	.6											.6	2.0
ENE	1.9	1.3										3.2	3.2
E	1.9	3.2										5.2	3.6
ESE	4.5	3.2	.6									8.4	3.3
SE	.6	3.9										4.5	4.3
SSE	3.2	4.5										7.7	3.7
S	9.0	2.6										11.6	2.9
SSW	3.9	.6										4.5	2.6
SW	2.6											2.6	2.3
WSW													
W	3.9	.6										4.5	2.4
WNW	3.9	1.3										5.2	2.6
NW	2.6	3.2	.6									6.5	3.7
NNW	1.9	1.9										3.9	3.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.4	
	42.6	27.7	1.3									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6									1.9	4.7
NNE													
NE													
ENE													
E	.6		.6									1.3	4.0
ESE													
SE	1.9											1.9	2.0
SSE	1.3	.6	.6									2.6	4.5
S	1.9	5.2	2.6									9.7	5.5
SSW	3.2	4.5										7.7	3.9
SW	2.6	5.8	1.3									9.7	4.5
WSW	5.2	5.8										11.0	3.6
W	9.0	14.8	2.6									26.5	4.3
WNW	1.9	9.0	1.3									12.3	4.8
NW	3.9	2.6										6.5	3.7
NNW	.6	1.9										2.6	4.0
VARBL													
CALM												6.5	
	32.9	51.0	9.7									100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.6									1.3	6.0
NNE													
NE													
ENE													
E													
ESE													
SE				.6								.6	16.0
SSE		.6	2.6									3.2	8.6
S	1.3	1.9	4.5	.6								8.4	7.3
SSW			1.3	.6								1.9	8.7
SW			.6									.6	7.0
WSW		2.6	5.8	1.9								10.3	8.3
W		6.5	32.3	4.5								43.2	8.5
WNW	1.9	5.8	16.8	1.9								26.5	7.4
NW			3.2									3.2	8.0
NNW		.6										.6	5.0
VARBL													
CALM												.0	
	3.2	18.7	67.7	10.3								100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.6									.6	8.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		.6	2.6	.6								3.9	9.0
S		2.6	1.9	.6								5.2	7.8
SSW		2.6	1.3	.6								4.5	6.9
SW		.6	1.3									1.9	6.0
WSW	.6	4.5	8.4	.6								14.2	7.4
W	.6	12.3	22.6	1.9								37.4	7.4
WNW		7.7	12.3	3.9								23.9	8.1
NW	1.3	1.3	3.9									6.5	6.4
NNW	.6		.6									1.3	5.0
VARBL													
CALM												.6	
	3.2	32.3	55.5	8.4								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		.6	1.3	.6								2.6	8.3
SSE		2.6	3.9									6.5	6.4
S	1.9	7.1	3.2	.6								12.9	5.5
SSW	.6	3.9	1.3									5.8	5.6
SW		.6										.6	5.0
WSW		7.1	.6									7.7	5.3
W	5.2	27.1	5.8									38.1	5.1
WNW	5.8	12.3	.6									18.7	4.4
NW	1.9	2.6										4.5	4.0
NNW	.6	.6										1.3	4.5
VARBL													
CALM												1.3	
	16.1	64.5	16.8	1.3								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JUL MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE	.6											.6	2.0
NE													
ENE													
E	5.8	2.6										8.4	2.8
ESE	3.9	1.9										5.8	2.7
SE	5.8	3.2										9.0	3.4
SSE	1.9	5.2	.6									7.7	4.7
S	7.1	2.6										9.7	3.1
SSW	3.9	1.3										5.2	2.5
SW	1.9	.6										2.6	3.0
WSW	1.3											1.3	2.5
W	7.7	1.9										9.7	2.3
WNW	9.7	1.3										11.0	2.4
NW	3.2	1.3										4.5	2.6
NNW	1.3	1.3										2.6	3.0
VARBL													
CALM												21.3	
	54.8	23.2	.6									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4	.2									1.4	3.8
NNE	.2	.2										.4	3.0
NE	.1	.1										.2	3.5
ENE	.6	.3										1.0	2.9
E	4.1	3.2	.2									7.6	3.4
ESE	2.4	1.7	.2									4.3	3.3
SE	1.7	1.4	.2	.2								3.5	4.2
SSE	1.5	2.3	1.3	.1								5.2	5.1
S	3.3	3.5	1.6	.2								8.7	4.8
SSW	1.5	1.6	.5	.2								3.8	4.5
SW	1.0	1.3	.4									2.7	4.1
WSW	1.1	2.5	1.9	.3								5.8	6.0
W	4.2	8.0	7.9	.8								20.9	6.0
WNW	4.0	4.8	3.9	.7								13.3	5.6
NW	2.3	1.5	1.0									4.7	4.2
NNW	1.2	1.0	.1									2.3	3.4
VARBL													
CALM												14.4	
	30.0	33.7	19.4	2.5								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9											1.9	1.3
NNE													
NE	1.9											1.9	1.3
ENE	2.6	.6										3.2	2.4
E	12.9	8.4										21.3	2.9
ESE	5.8	3.2	.6									9.7	3.6
SE	3.2	3.2	1.3									7.7	4.0
SSE	.6	1.3	1.3									3.2	5.8
S	1.3	1.9	.6									3.9	3.7
SSW	1.3	1.3										2.6	3.5
SW													
WSW													
W	3.9	.6	.6									5.2	2.8
WNW	1.9	1.3										3.2	2.8
NW	3.9	.6										4.5	2.7
NNW	4.5											4.5	2.3
VARBL													
CALM												27.1	
	45.8	22.6	4.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6										1.9	2.3
NNE	.6											.6	2.0
NE	3.9	2.6	.6									7.1	3.3
ENE	7.1	2.6										9.7	2.9
E	15.5	7.7										23.2	3.1
ESE	5.2	1.9	.6									7.7	3.3
SE	1.3	3.2										4.5	4.6
SSE	3.2	1.9										5.2	2.6
S	1.3	.6										1.9	2.3
SSW													
SW	.6	1.3										1.9	4.0
WSW	1.9											1.9	1.7
W	2.6	.6										3.2	2.4
WNW	1.9	.6										2.6	2.3
NW	1.9											1.9	2.0
NNW	2.6											2.6	2.5
VARBL													
CALM												23.9	
	51.0	23.9	1.3									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	2.8
NNE													
NE	.6	.6										1.3	3.0
ENE	3.2											3.2	2.2
E	9.7	2.6										12.3	2.8
ESE	1.9	1.3										3.2	2.6
SE	3.9		.6									4.5	3.3
SSE	4.5	.6	.6									5.8	3.0
S	6.5	3.2	.6									10.3	2.9
SSW	1.3	1.3										2.6	2.8
SW	1.3											1.3	2.0
WSW	1.9	.6										2.6	3.3
W	1.3	2.6										3.9	3.8
WNW	5.2	.6										5.8	2.6
NW	1.9	1.3										3.2	2.8
NNW	3.2	2.6										5.8	3.0
VARBL													
CALM												31.6	
	47.7	18.7	1.9									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9											1.9	1.7
NNE		.6										.6	6.0
NE	.6											.6	3.0
ENE													
E													
ESE		1.3										1.3	4.5
SE	.6	1.3										1.9	3.3
SSE	1.3	.6	1.3	.6								3.9	7.0
S	4.5	3.9	1.3	.6								10.3	4.9
SSW	1.3	5.2	.6									7.1	4.6
SW	3.9	1.9	.6									6.5	3.7
WSW	1.9	3.9	1.9									7.7	4.8
W	8.4	11.6	1.3									21.3	4.3
WNW	5.8	8.4	1.9									16.1	4.5
NW	3.9	2.6										6.5	3.8
NNW	3.2	.6	.6									4.5	3.1
VARBL													
CALM												9.7	
	37.4	41.9	9.7	1.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE	.6											.6	3.0
SE													
SSE			1.3									1.3	9.0
S	.6	1.9	.6	1.3								4.5	7.1
SSW		1.9	1.3									3.2	6.8
SW	.6		1.3	.6								2.6	7.8
WSW	.6	3.9	9.0	3.9								17.4	8.4
W	1.3	8.4	27.7	7.7								45.2	8.4
WNW		2.6	13.5	1.9								18.1	8.2
NW		1.9	3.2	.6								5.8	7.6
NNW			.6									.6	8.0
VARBL													
CALM												.6	
	3.9	20.6	58.7	16.1								100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.6	1.3	1.3	.6								3.9	6.7
S	1.3	1.3	1.3									3.9	4.7
SSW			1.3									1.3	8.0
SW		1.3	1.3									2.6	6.5
WSW	.6	1.3	7.1	1.3								10.3	7.9
W	.6	9.0	36.1	7.7								53.5	8.3
WNW	.6	7.1	10.3									18.1	6.6
NW		1.3	3.2									4.5	7.7
NNW		1.3	.6									1.9	6.0
VARBL													
CALM												.0	
	3.9	23.9	62.6	9.7								100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.6										.6	4.0
NE													
ENE													
E													
ESE		.6										.6	5.0
SE	.6		1.3									1.9	6.3
SSE		2.6	2.6									5.2	7.0
S	1.3	3.2	1.9									6.5	5.4
SSW		.6										.6	5.0
SW		.6	.6									1.3	5.5
WSW	1.9	5.8	1.9									9.7	5.3
W	9.7	33.5	8.4									51.6	5.0
WNW	1.9	6.5	3.2									11.6	5.3
NW	3.2	3.2		.6								7.1	4.3
NNW		1.9	.6									2.6	6.0
VARBL													
CALM												.6	
	18.7	59.4	20.6	.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	.6										3.9	2.3
NNE	.6											.6	1.0
NE	5.2	.6										5.8	2.8
ENE	.6											.6	2.0
E	7.1	3.9										11.0	3.4
ESE	3.9	3.2										7.1	3.4
SE	1.3	1.3										2.6	3.8
SSE	.6	2.6										3.2	4.6
S	1.9	3.9	.6									6.5	4.2
SSW	.6											.6	3.0
SW	1.3											1.3	2.5
WSW	3.2	.6										3.9	2.7
W	11.0	5.8	.6									17.4	3.2
WNW	5.8	.6	1.3									7.7	3.6
NW	4.5	1.3										5.8	2.6
NNW	1.3	1.3										2.6	3.0
VARBL													
CALM												19.4	
	52.3	25.8	2.6									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.3										1.5	2.2
NNE	.2	.2										.3	3.3
NE	1.5	.5	.1									2.1	2.8
ENE	1.7	.4										2.1	2.7
E	5.6	2.8										8.5	3.0
ESE	2.2	1.5	.2									3.8	3.4
SE	1.4	1.1	.4									2.9	4.1
SSE	1.4	1.4	1.0	.2								4.0	5.2
S	2.3	2.5	.9	.2								6.0	4.4
SSW	.6	1.3	.4									2.3	4.8
SW	1.0	.6	.5	.1								2.2	4.7
WSW	1.5	2.0	2.5	.6								6.7	6.3
W	4.8	9.0	9.4	1.9								25.2	6.3
WNW	2.9	3.5	3.8	.2								10.4	5.5
NW	2.4	1.5	.8	.2								4.9	4.4
NNW	1.9	1.0	.3									3.1	3.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.1	
	32.6	29.6	20.2	3.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	.7										4.0	2.8
NNE	2.0	.7										2.7	2.0
NE	3.3											3.3	2.4
ENE	7.3	2.0										9.3	2.6
E	12.0	8.0	.7									20.7	3.3
ESE	2.0	2.0										4.0	3.3
SE	4.7	1.3										6.0	2.7
SSE	.7	.7										1.3	3.5
S	3.3	2.7										6.0	3.3
SSW	.7											.7	1.0
SW													
WSW	.7											.7	1.0
W	2.0	1.3										3.3	3.6
WNW	2.7	.7										3.3	2.4
NW	3.3											3.3	1.4
NNW	1.3	1.3										2.7	3.5
VARBL													
CALM												28.7	
	49.3	21.3	.7									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.7										2.7	2.3
NNE	2.0	.7	.7									3.3	3.8
NE	1.3	1.3										2.7	4.0
ENE	7.3	4.7										12.0	2.9
E	7.3	8.7	.7									16.7	3.6
ESE	7.3											7.3	2.1
SE	1.3	.7										2.0	3.7
SSE	2.0	2.0										4.0	3.2
S	2.0	1.3										3.3	3.2
SSW													
SW		1.3										1.3	4.5
WSW	.7	.7										1.3	3.5
W	2.7											2.7	2.3
WNW	2.0	.7										2.7	2.5
NW	1.3	.7										2.0	2.7
NNW	1.3	2.0										3.3	3.6
VARBL													
CALM												32.7	
	40.7	25.3	1.3									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 150

150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.7										2.7	2.5
NNE	.7	.7										1.3	3.0
NE		2.0	.7									2.7	5.5
ENE	4.0	.7										4.7	2.7
E	5.3	4.7	.7									10.7	3.3
ESE	2.0	2.0	.7									4.7	4.0
SE	5.3	4.7										10.0	2.9
SSE	4.7	.7										5.3	2.6
S	2.0	.7										2.7	3.0
SSW	.7											.7	2.0
SW	1.3											1.3	1.5
WSW	.7											.7	3.0
W	2.0											2.0	2.3
WNW	3.3	.7										4.0	2.7
NW	.7	.7										1.3	3.0
NNW	4.7			.7								5.3	2.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	40.0	
	39.3	18.0	2.0	.7								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.7								.7	12.0
NNE													
NE													
ENE													
E	.7	1.3										2.0	3.7
ESE	.7	.7	.7									2.0	4.7
SE	.7	.7										1.3	4.0
SSE	4.0	2.7	1.3									8.0	3.9
S	2.7	5.3	.7									8.7	3.7
SSW	1.3	2.0										3.3	3.6
SW	1.3	.7										2.0	2.3
WSW	2.0	1.3	.7									4.0	4.3
W	8.0	12.0	1.3									21.3	4.0
WNW	10.0	6.0	1.3									17.3	3.8
NW	5.3	5.3	.7									11.3	3.7
NNW	2.0	1.3										3.3	3.2
VARBL													
CALM												14.7	
	38.7	39.3	6.7	.7								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.7								.7	11.0
NNE													
NE													
ENE													
E		.7										.7	5.0
ESE													
SE													
SSE													
S	.7	2.0	1.3	.7								4.7	7.0
SSW	1.3	2.7	.7									4.7	5.4
SW	.7	.7		.7								2.0	6.0
WSW	2.0	3.3	8.7	2.0								16.0	7.8
W	.7	10.0	24.7	4.0								39.3	7.5
WNW	1.3	6.0	16.0									23.3	7.1
NW		2.7	2.7									5.3	6.6
NNW		.7										.7	6.0
VARBL													
CALM												2.7	
	6.7	28.7	54.0	8.0								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.7									.7	10.0
NNE													
NE													
ENE													
E													
ESE													
SE		.7	.7									1.3	6.5
SSE		2.0	.7									2.7	5.5
S	.7	2.0	2.7	1.3								6.7	7.7
SSW		1.3										1.3	6.0
SW	.7	1.3	.7	.7								3.3	7.6
WSW		2.7	12.0	2.0								16.7	7.8
W	2.0	16.0	26.7	1.3								46.0	7.2
WNW	2.0	6.7	3.3	.7								12.7	5.7
NW		2.0	1.3									3.3	6.0
NNW	.7	.7										1.3	3.0
VARBL													
CALM												4.0	
	6.0	35.3	48.7	6.0								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.3											1.3	2.0
NE			.7									.7	9.0
ENE	.7	.7										1.3	2.5
E	.7	.7										1.3	2.5
ESE		.7										.7	4.0
SE	.7		2.0									2.7	6.5
SSE	.7	2.0	1.3	.7								4.7	7.0
S	2.7	5.3	2.0									10.0	4.9
SSW	.7	.7										1.3	3.5
SW													
WSW	3.3	5.3										8.7	4.1
W	14.7	14.0	2.7									31.3	3.8
WNW	8.7	8.0										16.7	3.6
NW	6.0	1.3										7.3	2.1
NNW	3.3	.7										4.0	2.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.0	
	43.3	39.3	8.7	.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	.7										4.7	2.1
NNE	2.7	.7										3.3	2.4
NE	2.0											2.0	2.3
ENE	3.3	3.3										6.7	3.4
E	10.0	4.7										14.7	2.9
ESE	3.3	2.7										6.0	3.0
SE	1.3	1.3	.7									3.3	4.2
SSE	.7	4.0	.7									5.3	4.6
S	2.0	2.7										4.7	4.0
SSW		.7										.7	5.0
SW	1.3											1.3	2.5
WSW	.7	.7	.7									2.0	5.7
W	6.0	2.0										8.0	2.6
WNW	4.0	1.3										5.3	2.8
NW	2.0											2.0	2.0
NNW	3.3	.7										4.0	2.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	26.0	
	46.7	25.3	2.0									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3	.1	.2								2.0	3.5
NNE	1.1	.3	.1									1.5	2.7
NE	.8	.4	.2									1.4	3.9
ENE	2.8	1.4										4.2	2.9
E	4.5	3.6	.2									8.3	3.3
ESE	1.9	1.0	.2									3.1	3.1
SE	1.7	1.2	.4									3.3	3.7
SSE	1.6	1.7	.5	.1								3.9	4.3
S	2.0	2.7	.8	.2								5.8	4.8
SSW	.6	.9	.1									1.6	4.4
SW	.7	.5	.1	.2								1.4	4.7
WSW	1.2	1.7	2.7	.5								6.2	6.5
W	4.7	6.9	6.9	.7								19.2	5.7
WNW	4.2	3.7	2.6	.1								10.7	4.7
NW	2.3	1.6	.6									4.5	3.6
NNW	2.1	.9		.1								3.1	3.0
VARBL													
CALM												19.6	
	33.8	29.1	15.5	2.0								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6											2.6	2.8
NNE	.6	1.3										1.9	4.3
NE	.6											.6	1.0
ENE	11.6	3.2	.6									15.5	2.8
E	14.2	6.5	.6									21.3	3.1
ESE	7.1	2.6										9.7	2.6
SE	5.2											5.2	2.3
SSE	1.9											1.9	2.7
S		1.3	.6									1.9	5.3
SSW													
SW													
WSW													
W	3.2	.6										3.9	2.8
WNW	1.9											1.9	2.3
NW	.6											.6	2.0
NNW	2.6											2.6	1.0
VARBL													
CALM												30.3	
	52.3	15.5	1.9									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9										2.6	3.8
NNE	2.6	.6										3.2	2.4
NE	7.1	3.2	1.3		.6							12.3	4.1
ENE	6.5	3.2										9.7	3.1
E	7.7	11.6										19.4	3.9
ESE	2.6	.6										3.2	2.8
SE	1.9	1.3										3.2	3.0
SSE	2.6	2.6										5.2	3.4
S		1.9										1.9	4.0
SSW													
SW	.6											.6	3.0
WSW	.6											.6	1.0
W		.6	.6									1.3	6.5
WNW		1.3										1.3	4.5
NW													
NNW	.6											.6	3.0
VARBL													
CALM												34.8	
	33.5	29.0	1.9		.6							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6										1.9	2.0
NNE	1.3											1.3	1.5
NE	1.3	1.9		1.3								4.5	6.3
ENE	6.5	1.9										8.4	2.8
E	12.3	8.4										20.6	2.9
ESE	3.2	5.2										8.4	4.4
SE	1.3	2.6										3.9	4.0
SSE	5.2											5.2	2.3
S	1.3	.6	.6									2.6	4.0
SSW	.6											.6	1.0
SW	.6											.6	1.0
WSW													
W	1.3											1.3	2.0
WNW	.6											.6	2.0
NW	.6	.6										1.3	3.5
NNW			.6									.6	8.0
VARBL													
CALM												38.1	
	37.4	21.9	1.3	1.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3		.6									1.9	4.3
NNE	.6			.6	.6							1.9	12.0
NE				.6		.6						1.3	19.0
ENE	.6			1.3								1.9	9.3
E	1.9	1.3										3.2	3.0
ESE		.6	.6									1.3	6.5
SE	2.6	1.9	.6									5.2	3.9
SSE		2.6										2.6	4.5
S	1.3	3.9	.6									5.8	4.3
SSW	1.9	3.2										5.2	3.5
SW		.6										.6	6.0
WSW	2.6	1.9										4.5	3.6
W	8.4	9.0	.6									18.1	3.7
WNW	4.5	9.7	.6									14.8	4.1
NW	4.5	2.6	.6									7.7	3.6
NNW	1.9	1.3										3.2	3.0
VARBL													
CALM												20.6	
	32.3	38.7	4.5	2.6	.6	.6						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.6	.6								1.3	10.0
NNE						.6						.6	24.0
NE				.6								.6	15.0
ENE													
E	.6											.6	2.0
ESE		.6										.6	5.0
SE		.6										.6	4.0
SSE		1.3										1.3	6.0
S	1.3		.6									1.9	4.3
SSW		3.2	.6									3.9	6.0
SW	.6	1.9	.6									3.2	5.2
WSW	.6	3.9	6.5	3.2								14.2	8.3
W	1.3	12.3	21.9	3.9								39.4	7.7
WNW	1.3	12.3	7.7									21.3	6.1
NW		3.9	1.3									5.2	5.6
NNW		1.3	.6									1.9	6.3
VARBL													
CALM												3.2	
	5.8	41.3	40.6	8.4		.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				.6		.6						1.3	19.5
NE	.6											.6	2.0
ENE		.6										.6	5.0
E													
ESE													
SE													
SSE		.6	.6									1.3	7.0
S		1.9	1.9									3.9	6.7
SSW		3.2	.6									3.9	5.5
SW		1.3	1.9									3.2	7.6
WSW	1.9	3.2	12.3			.6						18.1	7.7
W	1.3	27.7	17.4									46.5	6.3
WNW	1.9	9.7	2.6									14.2	5.1
NW	1.9	3.2	1.3									6.5	4.5
NNW													
VARBL													
CALM												.0	
	7.7	51.6	38.7	.6		1.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6		.6								2.6	5.8
NNE	.6	1.3										1.9	3.7
NE	2.6	1.3		.6								4.5	4.4
ENE	3.2	1.3										4.5	2.6
E	2.6	2.6		.6								5.8	4.2
ESE	2.6	.6	.6									3.9	3.3
SE		1.3										1.3	6.0
SSE	1.3	1.3										2.6	2.8
S	2.6		.6									3.2	3.0
SSW													
SW													
WSW	3.9	1.9	1.3									7.1	4.1
W	13.5	8.4	.6	.6								23.2	3.5
WNW	5.2											5.2	2.1
NW	3.2	.6										3.9	2.7
NNW	1.9		1.3									3.2	4.2
VARBL													
CALM												27.1	
	44.5	21.3	4.5	2.6								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	4.6
NNE	.6		1.3									1.9	5.3
NE	2.6	1.9										4.5	3.6
ENE	9.7	3.9										13.5	3.0
E	11.0	5.2										16.1	3.0
ESE	5.8	4.5	.6									11.0	3.4
SE	2.6	1.3										3.9	2.7
SSE	1.3	1.9										3.2	4.2
S	.6	.6										1.3	4.0
SSW													
SW	.6											.6	3.0
WSW	1.3											1.3	2.5
W	1.9	1.3										3.2	3.6
WNW	1.3	.6	.6									2.6	4.3
NW													
NNW													
VARBL													
CALM												33.5	
	40.6	22.6	3.2									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	.2	.2								2.0	4.4
NNE	.8	.4	.2	.2	.1	.2						1.8	7.0
NE	1.9	1.0	.2	.4	.1	.1						3.6	5.2
ENE	4.8	1.8	.1	.2								6.8	3.1
E	6.3	4.4	.1	.1								10.9	3.3
ESE	2.7	1.9	.2									4.8	3.5
SE	1.7	1.1	.1									2.9	3.3
SSE	1.5	1.3	.1									2.9	3.6
S	.9	1.3	.6									2.8	4.5
SSW	.3	1.2	.2									1.7	4.7
SW	.3	.5	.3									1.1	5.5
WSW	1.4	1.4	2.5	.4		.1						5.7	6.7
W	3.9	7.5	5.2	.6								17.1	5.7
WNW	2.1	4.2	1.5									7.7	4.8
NW	1.4	1.4	.4									3.1	4.1
NNW	.9	.3	.3									1.5	3.7
VARBL													
CALM												23.5	
	31.8	30.2	12.1	1.9	.2	.3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7										2.0	2.7
NNE	2.7	2.0	.7	.7								6.0	4.9
NE	4.0	2.7		.7								7.3	4.4
ENE	8.0	7.3	2.0									17.3	4.0
E	12.0	14.7	2.0									28.7	3.9
ESE	4.0	3.3										7.3	3.6
SE	4.7	2.0										6.7	3.2
SSE	2.0	.7										2.7	2.3
S	.7											.7	3.0
SSW	.7											.7	2.0
SW			.7									.7	10.0
WSW													
W				.7								.7	12.0
WNW			.7									.7	7.0
NW	.7											.7	2.0
NNW		.7										.7	4.0
VARBL													
CALM												17.3	
	40.7	34.0	6.0	2.0								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3										1.3	4.5
NNE	4.0	.7										4.7	2.6
NE	4.0	4.0		.7		.7						9.3	5.7
ENE	6.0	8.7	2.0	.7	.7							18.0	4.9
E	9.3	12.0	.7									22.0	3.9
ESE	5.3	6.7	1.3									13.3	4.1
SE	4.0	.7	.7									5.3	3.3
SSE		.7										.7	4.0
S	1.3		.7									2.0	4.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	.7											.7	2.0
VARBL													
CALM												22.7	
	34.7	34.7	5.3	1.3	.7	.7						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7											2.7	2.0
NNE	2.0	2.0										4.0	3.0
NE	4.0	2.0	1.3									7.3	3.8
ENE	13.3	6.0					.7					20.0	3.9
E	12.7	11.3	.7	.7								25.3	3.7
ESE	6.7	5.3										12.0	3.4
SE	2.7	.7										3.3	3.0
SSE	.7	.7										1.3	3.0
S	2.0	.7										2.7	3.0
SSW													
SW													
WSW													
W	2.0	.7										2.7	3.5
WNW													
NW													
NNW	.7											.7	2.0
VARBL													
CALM												18.0	
	49.3	29.3	2.0	.7			.7					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	.7										4.0	2.8
NNE			.7									.7	8.0
NE			1.3	.7		.7						2.7	13.3
ENE		.7	.7	.7								2.0	8.7
E													
ESE		2.0	.7									2.7	5.5
SE	1.3	2.0										3.3	3.4
SSE	1.3	4.7	3.3									9.3	6.1
S	5.3	5.3	2.0									12.7	4.1
SSW	2.7		.7									3.3	2.8
SW	1.3	1.3										2.7	3.5
WSW	3.3	2.0	.7									6.0	3.3
W	8.0	3.3		.7								12.0	3.4
WNW	6.0	4.7	.7									11.3	3.4
NW	5.3	1.3										6.7	2.7
NNW	.7	.7										1.3	3.5
VARBL													
CALM												19.3	
	38.7	28.7	10.7	2.0		.7						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE		.7	2.0									2.7	7.8
NE				1.3		.7						2.0	17.3
ENE													
E		.7										.7	6.0
ESE			.7									.7	8.0
SE													
SSE	.7	.7		1.3								2.7	8.3
S	.7	2.7	1.3	.7								5.3	6.5
SSW	2.0	2.0	3.3	.7								8.0	6.1
SW		2.7	.7									3.3	5.2
WSW	.7	2.7	5.3		.7							9.3	7.7
W	2.0	12.0	9.3	1.3								24.7	6.3
WNW	3.3	14.0	7.3									24.7	5.6
NW	1.3	6.7	.7									8.7	4.8
NNW	1.3		1.3	.7								3.3	6.0
VARBL													
CALM												3.3	
	12.0	45.3	32.0	6.0	.7	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7		.7								1.3	9.0
NNE	.7			.7								1.3	7.5
NE			2.0	1.3								3.3	10.2
ENE		.7		.7								1.3	9.0
E													
ESE													
SE	.7											.7	2.0
SSE	.7	2.0	.7	.7								4.0	6.5
S		4.0	2.0									6.0	5.9
SSW		2.0	1.3									3.3	6.0
SW		2.0	2.0									4.0	6.7
WSW		3.3	2.0	.7								6.0	6.9
W	4.0	16.0	11.3	2.7								34.0	6.0
WNW	3.3	15.3	3.3									22.0	5.0
NW	2.7	3.3	.7									6.7	4.1
NNW	2.0	1.3										3.3	3.0
VARBL													
CALM												2.7	
	14.0	50.7	25.3	7.3								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.0	.7									6.0	3.9
NNE	3.3	.7	.7									4.7	3.3
NE	4.0	.7	.7	1.3								6.7	5.4
ENE	8.7		.7									9.3	2.8
E	8.7	10.7	.7									20.0	3.6
ESE	3.3	1.3	.7									5.3	3.8
SE	2.0	.7										2.7	3.3
SSE	1.3	2.0										3.3	3.6
S	2.0											2.0	2.0
SSW	1.3											1.3	2.0
SW	.7											.7	3.0
WSW	2.0											2.0	2.3
W	.7	.7	.7									2.0	4.7
WNW	1.3		1.3									2.7	5.3
NW													
NNW	1.3											1.3	2.5
VARBL													
CALM												30.0	
	44.0	18.7	6.0	1.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 150

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	5.0
NNE	2.0	2.0										4.0	3.7
NE	3.3	2.7	1.3	1.3								8.7	5.6
ENE	7.3	3.3										10.7	3.1
E	12.7	20.0	.7									33.3	3.9
ESE	6.0	4.0	1.3									11.3	4.0
SE	3.3	4.7	.7	.7								9.3	4.9
SSE		2.0	.7									2.7	5.0
S	.7	.7	.7									2.0	5.0
SSW													
SW													
WSW													
W		.7										.7	4.0
WNW	.7											.7	3.0
NW		.7										.7	6.0
NNW													
VARBL													
CALM												15.3	
	36.0	41.3	5.3	2.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.8	.1	.1								2.3	3.7
NNE	1.8	1.0	.5	.2								3.5	4.3
NE	2.4	1.5	.8	.9		.2						5.9	6.4
ENE	5.4	3.3	.7	.2	.1		.1					9.8	4.1
E	6.9	8.7	.6	.1								16.2	3.8
ESE	3.2	2.8	.6									6.6	3.9
SE	2.3	1.3	.2	.1								3.9	3.7
SSE	.8	1.7	.6	.2								3.3	5.4
S	1.6	1.7	.8	.1								4.2	4.6
SSW	.8	.5	.7	.1								2.1	4.9
SW	.2	.7	.4									1.4	5.5
WSW	.7	1.0	1.0	.1	.1							2.9	5.9
W	2.1	4.2	2.7	.7								9.6	5.6
WNW	1.8	4.2	1.7									7.7	5.0
NW	1.2	1.5	.2									2.9	3.9
NNW	.8	.3	.2	.1								1.4	3.8
VARBL													
CALM												16.1	
	33.7	35.3	11.6	2.8	.2	.2	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.3			1.3								2.6	7.3
NE	4.5	3.9	.6	1.3								10.3	4.9
ENE	5.2	7.1	1.3									13.5	3.9
E	13.5	16.1	1.9	1.9								33.5	4.3
ESE	8.4	3.9										12.3	2.9
SE	3.2	1.9	.6	.6								6.5	4.1
SSE	1.3	1.3	.6									3.2	4.0
S	.6	.6	.6									1.9	5.0
SSW		.6										.6	4.0
SW													
WSW	.6											.6	2.0
W													
WNW													
NW													
NNW		.6										.6	4.0
VARBL													
CALM												14.2	
	38.7	36.1	5.8	5.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3		.6								3.9	5.0
NNE	3.2		1.3	2.6								7.1	7.5
NE	1.9	3.2	1.3									6.5	4.7
ENE	5.8	6.5		.6								12.9	4.0
E	14.2	14.8										29.0	3.4
ESE	2.6	2.6			.6							5.8	5.2
SE	4.5	2.6										7.1	2.7
SSE	3.2	.6										3.9	2.7
S	1.3	.6	.6									2.6	4.3
SSW	1.3											1.3	2.0
SW													
WSW			.6									.6	7.0
W			.6									.6	7.0
WNW													
NW	.6											.6	2.0
NNW		1.3										1.3	5.0
VARBL													
CALM												16.8	
	40.6	33.5	4.5	3.9	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3		.6									1.9	5.0
NNE	1.9		.6	.6								3.2	5.8
NE	6.5	3.2										9.7	3.1
ENE	9.7	11.0	1.9	1.3								23.9	4.4
E	11.0	9.0	2.6									22.6	3.7
ESE	5.2	5.8	.6									11.6	3.8
SE	3.9	1.9										5.8	3.3
SSE	1.9		.6									2.6	3.8
S	1.3											1.3	1.5
SSW		.6										.6	4.0
SW		.6										.6	4.0
WSW													
W	1.3	.6										1.9	2.3
WNW													
NW	1.3											1.3	2.5
NNW	1.3											1.3	2.0
VARBL													
CALM												11.6	
	46.5	32.9	7.1	1.9								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.6			.6							3.2	6.2
NNE	1.3		.6	1.3		.6						3.9	9.5
NE		.6		2.6	.6	.6						4.5	14.4
ENE													
E	1.9		.6									2.6	3.3
ESE		.6	.6									1.3	6.0
SE	1.9	5.2										7.1	4.3
SSE	5.8	5.8	1.3	.6								13.5	4.3
S	5.2	5.2	.6	.6								11.6	3.9
SSW	1.9											1.9	2.7
SW	1.9	1.3										3.2	3.0
WSW	2.6	1.3										3.9	2.8
W	5.8	1.9	.6									8.4	3.5
WNW	2.6	.6										3.2	2.4
NW	2.6	.6		.6								3.9	4.2
NNW	2.6	.6										3.2	2.6
VARBL													
CALM												24.5	
	38.1	24.5	4.5	5.8	1.3	1.3						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9				.6						2.6	9.5
NNE		.6				.6						1.3	14.0
NE			.6	.6	.6							1.9	13.3
ENE		.6	.6	3.2								4.5	11.3
E													
ESE	.6											.6	1.0
SE				1.3								1.3	13.5
SSE	.6	1.3	1.9									3.9	6.3
S	.6	1.9	1.3	.6								4.5	6.4
SSW	2.6	1.9	1.9									6.5	4.8
SW	1.9		.6									2.6	3.5
WSW	2.6	2.6	1.9	.6								7.7	4.8
W	10.3	11.6	4.5	1.3								27.7	4.8
WNW	3.9	9.7	4.5									18.1	5.1
NW	3.2	3.9										7.1	4.2
NNW	3.2	1.3										4.5	3.0
VARBL													
CALM												5.2	
	29.7	37.4	18.1	7.7	.6	1.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.0
NNE	.6		1.3	1.3	.6							3.9	10.8
NE			1.3	1.3								2.6	11.0
ENE		.6		1.3								1.9	10.7
E			.6									.6	9.0
ESE		.6		.6								1.3	8.5
SE		.6	.6									1.3	6.5
SSE	2.6	1.9		.6								5.2	4.6
S	.6	4.5	1.9	.6								7.7	6.2
SSW	1.9	1.3	.6									3.9	4.0
SW	1.3	1.9										3.2	4.2
WSW	1.9	3.2	1.9									7.1	5.5
W	7.7	18.1	2.6									28.4	4.3
WNW	7.1	11.0	3.2									21.3	4.5
NW	3.9	.6	1.3									5.8	4.2
NNW	3.9	.6										4.5	2.6
VARBL													
CALM												.0	
	32.3	65.2	16.1	5.8	.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.9										5.2	2.9
NNE	4.5	.6		.6	.6	.6						7.1	6.5
NE	3.9	2.6	.6	1.3	.6							9.0	6.4
ENE	7.1	1.3		1.3								9.7	4.1
E	13.5	13.5	1.3									28.4	3.7
ESE	1.3	1.9	1.3									4.5	4.4
SE	.6	3.9										4.5	4.3
SSE	.6	1.3	.6									2.6	4.8
S	2.6	.6										3.2	2.8
SSW	1.3											1.3	1.5
SW													
WSW	.6											.6	1.0
W			.6									.6	7.0
WNW				.6								.6	11.0
NW													
NNW	.6											.6	1.0
VARBL													
CALM												21.9	
	40.0	27.7	4.5	3.9	1.3	.6						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | DEC MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.6										2.6	3.0
NNE	2.6	.6	.6	.6		1.3						5.8	9.1
NE	3.2		.6	.6								4.5	4.9
ENE	3.9	5.2	.6		.6							10.3	4.6
E	12.9	16.1	2.6									31.6	4.1
ESE	5.8	11.6	1.9									19.4	4.4
SE	2.6	1.3	1.3									5.2	3.6
SSE	1.3	1.9										3.2	3.2
S	.6	1.3										1.9	3.3
SSW	.6											.6	3.0
SW													
WSW													
W													
WNW		.6										.6	5.0
NW				.6								.6	11.0
NNW													
VARBL													
CALM												13.5	
	35.5	39.4	7.7	1.9	.6	1.3						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.8	.2	.1	.1	.1						2.6	5.0
NNE	1.9	.2	.6	1.0	.2	.4						4.4	8.2
NE	2.5	1.7	.6	1.0	.2	.1						6.1	6.3
ENE	4.0	4.0	.6	1.0	.1							9.6	4.8
E	8.4	8.7	1.2	.2								18.5	3.9
ESE	3.0	3.4	.6	.1	.1							7.1	4.1
SE	2.1	2.2	.3	.2								4.8	4.1
SSE	2.2	1.8	.6	.2								4.8	4.3
S	1.6	1.9	.6	.2								4.4	4.6
SSW	1.2	.6	.3									2.1	3.8
SW	.6	.5	.1									1.2	3.6
WSW	1.0	.9	.6	.1								2.6	4.5
W	3.1	4.0	1.1	.2								8.5	4.4
WNW	1.7	2.7	1.0	.1								5.5	4.7
NW	1.5	.6	.2	.2								2.4	4.2
NNW	1.5	.6										2.0	2.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.5	
	37.7	34.6	8.5	4.5	.6	.6						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.5	.2	.2	.0	.0						2.0	4.6
NNE	1.1	.5	.2	.3	.1	.1	.0					2.2	6.0
NE	1.6	1.2	.3	.4	.1	.0						3.6	5.5
ENE	3.0	2.0	.2	.2	.0	.0	.0					5.5	3.9
E	6.2	5.4	.5	.1	.0							12.2	3.7
ESE	2.8	2.2	.6	.1	.0							5.6	3.9
SE	1.9	1.7	.5	.2								4.3	4.3
SSE	1.7	2.0	1.0	.2	.0	.0						4.9	5.0
S	2.1	2.5	1.2	.2								6.0	4.9
SSW	.9	1.3	.4	.2	.0							2.7	5.0
SW	.8	.9	.6	.1								2.4	5.2
WSW	1.3	1.9	1.9	.4	.0	.0						5.6	6.2
W	3.2	5.9	4.9	.8	.0	.0						14.9	5.9
WNW	2.3	3.2	1.8	.1	.0							7.5	5.1
NW	1.4	1.2	.4	.1	.0							3.1	4.3
NNW	1.1	.6	.1	.0	.0							1.8	3.7
VARBL													
CALM												15.7	
	32.5	32.9	14.8	3.5	.4	.2	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 14607

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH)

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.8	.1									2.3	2.9
NNE	1.3	.3										1.6	2.3
NE	1.5	.8	.0									2.4	3.1
ENE	2.6	1.4	.0									4.0	3.2
E	6.0	5.9	.4	.1								12.5	3.8
ESE	3.2	3.1	.6	.0								7.0	3.9
SE	3.1	3.2	1.1	.5								7.8	4.6
SSE	2.8	2.9	1.0	.3								7.1	4.6
S	2.7	3.7	1.0	.1								7.5	4.3
SSW	1.5	1.3	.0									2.8	3.7
SW	1.5	1.1	.2	.0								2.9	3.9
WSW	1.7	.8	.6	.1								3.2	4.2
W	3.2	3.1	.9	.2								7.5	4.4
WNW	3.1	1.2	.8									5.0	3.8
NW	1.8	1.1	.1									3.0	3.3
NNW	2.0	.7	.0									2.7	2.9
VARBL													
CALM												20.7	
	39.4	31.3	7.1	1.5								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2053

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.9	69.5	70.1	71.4	74.0	74.0	75.3	76.0	76.0	76.0	76.0	76.0	77.3	77.3	77.3	77.3
≥ 20000	41.6	70.1	70.8	72.1	74.7	74.7	76.0	76.6	76.6	76.6	76.6	76.6	77.9	77.9	77.9	77.9
≥ 18000	41.6	70.1	70.8	72.1	74.7	74.7	76.0	76.6	76.6	76.6	76.6	76.6	77.9	77.9	77.9	77.9
≥ 16000	41.6	70.1	70.8	72.1	74.7	74.7	76.0	76.6	76.6	76.6	76.6	76.6	77.9	77.9	77.9	77.9
≥ 14000	41.6	70.1	70.8	72.1	74.7	74.7	76.0	76.6	76.6	76.6	76.6	76.6	77.9	77.9	77.9	77.9
≥ 12000	41.6	70.1	70.8	72.1	74.7	74.7	76.0	76.6	76.6	76.6	76.6	76.6	77.9	77.9	77.9	77.9
≥ 10000	42.2	71.4	72.1	73.4	76.0	76.0	77.3	77.9	77.9	77.9	77.9	77.9	79.2	79.2	79.2	79.2
≥ 9000	42.2	71.4	72.1	73.4	76.0	76.0	77.3	77.9	77.9	77.9	77.9	77.9	79.2	79.2	79.2	79.2
≥ 8000	42.9	72.7	73.4	74.7	77.3	77.3	78.6	79.2	79.2	79.2	79.2	79.2	80.5	80.5	80.5	80.5
≥ 7000	42.9	74.7	75.3	76.6	79.2	79.9	81.2	81.8	81.8	81.8	81.8	81.8	83.1	83.1	83.1	83.1
≥ 6000	42.9	74.7	75.3	76.6	79.2	79.9	81.2	81.8	81.8	81.8	81.8	81.3	83.1	83.1	83.1	83.1
≥ 5000	44.2	77.3	77.9	79.2	81.8	82.5	83.8	84.4	84.4	84.4	84.4	84.4	85.7	85.7	85.7	85.7
≥ 4500	44.2	77.9	78.6	79.9	82.5	83.1	84.4	85.1	85.1	85.1	85.1	85.1	86.4	86.4	86.4	86.4
≥ 4000	44.8	78.6	79.2	80.5	83.1	83.8	85.1	85.7	85.7	85.7	85.7	85.7	87.0	87.0	87.0	87.0
≥ 3500	44.8	79.2	79.9	81.2	83.8	84.4	85.7	86.4	86.4	87.0	87.0	87.0	88.3	88.3	88.3	88.3
≥ 3000	44.8	79.9	80.5	81.8	84.4	85.1	86.4	87.0	87.0	87.7	87.7	87.7	89.0	89.0	89.0	89.0
≥ 2500	45.5	81.8	82.5	83.8	86.4	87.0	88.3	89.0	89.0	89.6	89.6	89.6	90.9	90.9	90.9	90.9
≥ 2000	46.1	82.5	83.1	84.4	87.0	87.7	89.0	89.6	89.6	90.3	90.3	90.3	91.6	91.6	91.6	91.6
≥ 1800	46.1	82.5	83.1	84.4	87.0	87.7	89.0	89.6	89.6	90.3	90.3	90.3	91.6	91.6	91.6	91.6
≥ 1500	46.8	85.1	85.7	87.0	89.6	90.3	91.6	92.2	92.2	92.9	92.9	92.9	94.2	94.2	94.2	94.2
≥ 1200	46.8	87.0	88.3	89.6	92.2	92.9	94.2	94.8	94.8	95.5	95.5	95.5	96.8	96.8	96.8	96.8
≥ 1000	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 900	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 800	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 700	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 600	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 500	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 400	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 300	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 200	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 100	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	98.1	98.1	98.1	99.4	99.4	99.4	99.4
0	46.8	87.0	88.3	89.6	92.9	93.5	94.8	95.5	95.5	98.1	98.1	98.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH | 04 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	64.5	66.5	69.0	70.3	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	39.4	67.1	69.0	71.6	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	39.4	67.1	69.0	71.6	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	39.4	67.1	69.0	71.6	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	39.4	67.1	69.0	71.6	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	39.4	67.1	69.0	71.6	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	40.7	69.0	71.0	73.6	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	40.7	69.0	71.0	73.6	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	43.2	72.9	74.8	77.4	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	43.2	72.9	74.8	77.4	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	43.2	72.9	74.8	77.4	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	43.9	73.6	75.5	78.1	80.0	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	43.9	74.2	76.1	78.7	80.7	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	45.2	75.5	77.4	80.0	81.9	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	46.5	78.1	80.7	83.2	85.2	85.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	47.7	80.7	83.2	85.8	87.7	87.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	48.4	81.9	85.2	87.7	89.7	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	48.4	82.6	85.8	88.4	90.3	90.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	48.4	83.2	86.5	89.0	91.0	91.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	49.7	85.2	88.4	91.6	93.6	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	49.7	85.2	88.4	91.6	93.6	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	49.7	85.2	88.4	91.6	93.6	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98.7	99.4	99.4
≥ 100	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98.7	99.4	99.4
0	49.7	86.5	89.7	92.9	94.8	94.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	65.2	67.7	68.4	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3
≥ 20000	41.9	67.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 18000	41.9	67.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 16000	41.9	67.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 14000	41.9	67.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 12000	42.6	68.4	71.0	72.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 10000	44.5	71.0	73.6	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 9000	44.5	71.0	73.6	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 8000	45.2	72.3	74.8	76.8	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 7000	45.8	72.9	75.5	77.4	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0
≥ 6000	45.8	72.9	75.5	77.4	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0
≥ 5000	46.5	73.6	76.1	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 4500	46.5	73.6	76.1	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 4000	46.5	73.6	76.1	78.1	78.7	79.4	79.4	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 3500	47.7	75.5	78.1	80.0	80.7	81.3	81.3	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2
≥ 3000	48.4	76.8	80.0	82.6	83.2	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
≥ 2500	48.4	78.7	81.9	84.5	85.2	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 2000	49.0	80.0	83.2	85.8	86.5	87.1	87.1	87.7	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 1800	49.0	80.7	83.9	86.5	87.1	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 1500	50.3	83.2	87.1	90.3	91.0	91.6	91.6	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 1200	51.0	84.5	88.4	91.6	92.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 1000	51.0	84.5	88.4	91.6	92.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.8	94.8	95.5	95.5
≥ 900	51.0	84.5	88.4	92.3	92.9	93.6	93.6	94.2	94.8	94.8	94.8	94.8	95.5	95.5	96.1	96.1
≥ 800	51.0	84.5	88.4	92.3	92.9	93.6	93.6	94.2	94.8	94.8	94.8	94.8	95.5	95.5	96.1	96.1
≥ 700	51.0	84.5	88.4	92.9	93.6	94.2	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.8	96.8
≥ 600	51.0	84.5	88.4	92.9	93.6	94.2	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.8	96.8
≥ 500	51.0	84.5	88.4	92.9	93.6	94.2	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.8	96.8
≥ 400	51.0	84.5	88.4	92.9	93.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.8	96.8	97.4	97.4
≥ 300	51.0	84.5	88.4	92.9	93.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	97.4	97.4	98.1	98.1
≥ 200	51.0	84.5	88.4	92.9	93.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	98.1	98.1	98.7	98.7
≥ 100	51.0	84.5	88.4	92.9	93.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	98.1	98.1	99.4	99.4
0	51.0	84.5	88.4	92.9	93.6	94.2	94.8	95.5	96.1	96.1	96.1	96.1	98.1	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

10 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	60.7	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	41.9	63.2	65.8	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7
≥ 18000	41.9	63.2	65.8	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7
≥ 16000	41.9	63.2	65.8	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7
≥ 14000	42.6	63.9	66.5	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.3
≥ 12000	43.9	65.8	68.4	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9
≥ 10000	45.8	68.4	71.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8
≥ 9000	45.8	68.4	71.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8
≥ 8000	47.1	70.3	73.6	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 7000	47.1	70.3	73.6	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 6000	47.1	70.3	73.6	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 5000	47.7	71.0	74.2	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 4500	47.7	71.0	74.2	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 4000	49.7	73.6	76.8	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9
≥ 3500	50.3	76.1	80.0	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2
≥ 3000	50.3	78.7	82.6	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.7
≥ 2500	51.0	81.3	85.2	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 2000	52.3	82.6	86.5	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 1800	52.9	83.2	87.1	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9
≥ 1500	52.9	83.9	87.7	91.0	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 1200	52.9	84.5	88.4	92.3	94.2	94.2	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	96.1
≥ 1000	52.9	85.2	89.0	92.9	94.8	94.8	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 900	52.9	85.2	89.0	92.9	94.8	94.8	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 800	52.9	85.2	89.0	92.9	94.8	94.8	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 700	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 600	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 500	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 400	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.7
≥ 200	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	98.1	98.1	98.1	98.7	98.7	98.7	99.4
≥ 100	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	98.1	98.1	98.1	98.7	98.7	98.7	100.0
≥ 0	52.9	85.2	89.0	92.9	94.8	95.5	95.5	96.1	96.1	98.1	98.1	98.1	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.6	49.0	52.3	56.8	58.7	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	35.5	56.1	60.0	65.2	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	35.5	56.1	60.0	65.2	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	35.5	56.1	60.0	65.2	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	35.5	56.1	60.0	65.2	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	36.1	57.4	61.3	66.5	68.4	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	36.8	60.7	64.5	69.7	71.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	36.8	60.7	64.5	69.7	71.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	36.8	61.9	65.8	71.0	72.9	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	36.8	61.9	65.8	71.0	72.9	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	36.8	61.9	65.8	71.0	72.9	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	38.1	63.2	67.1	72.3	74.2	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	38.1	63.2	67.1	72.3	74.2	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	40.7	65.8	69.7	74.8	76.8	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	44.5	69.7	73.6	78.7	81.9	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	46.5	72.9	76.8	81.9	85.2	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	47.1	74.8	78.7	83.9	87.1	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	48.4	76.8	80.7	86.5	89.7	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	48.4	76.8	81.3	87.1	90.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	49.0	78.7	83.2	89.0	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	49.0	79.4	83.9	89.7	93.6	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 500	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
≥ 400	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0
0	49.0	79.4	83.9	89.7	93.6	95.5	97.4	98.7	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	54.2	60.7	63.2	64.5	65.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	36.1	58.7	65.8	68.4	69.7	70.3	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	36.8	59.4	66.5	69.0	70.3	71.0	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	36.8	59.4	66.5	69.0	70.3	71.0	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	37.4	60.0	67.1	69.7	71.0	71.6	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	38.7	61.9	69.0	71.6	72.9	73.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	40.7	64.5	71.6	74.8	76.1	76.8	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	40.7	65.2	72.3	75.5	76.8	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	40.7	65.2	72.3	75.5	76.8	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	40.7	65.2	72.3	75.5	76.8	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	41.3	66.5	73.6	76.8	78.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	41.3	66.5	73.6	76.8	78.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	41.3	66.5	73.6	76.8	78.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	44.5	71.0	78.1	81.3	82.6	83.9	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	47.1	74.8	81.9	85.2	86.5	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	47.7	76.1	83.2	86.5	87.7	89.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	49.0	79.4	86.5	89.7	91.0	92.3	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	50.3	80.7	87.7	91.0	92.3	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	50.3	80.7	87.7	91.0	92.3	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	50.3	80.7	87.7	91.0	92.3	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	50.3	80.7	87.7	91.0	92.9	94.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	50.3	81.3	88.4	91.6	94.2	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	50.3	81.3	88.4	91.6	94.2	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	50.3	81.3	88.4	91.6	94.2	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	50.3	81.3	88.4	91.6	94.2	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.3	81.3	88.4	91.6	94.8	96.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.8	68.4	69.7	70.3	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	40.0	72.3	73.6	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	40.0	72.3	73.6	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	40.0	72.3	73.6	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	40.0	72.3	73.6	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	40.7	72.9	74.2	75.5	76.1	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	40.7	74.2	75.5	77.4	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	40.7	74.2	75.5	77.4	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	41.3	76.1	77.4	79.4	80.0	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	41.9	78.1	80.0	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	42.6	79.4	81.3	83.2	83.9	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	43.2	80.0	81.9	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	43.2	80.0	81.9	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	44.5	81.9	83.9	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	45.2	83.2	85.2	87.1	87.7	87.7	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	45.2	84.5	86.5	88.4	89.0	89.0	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	45.2	85.2	87.1	89.0	89.7	89.7	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	45.8	87.7	89.7	91.6	92.3	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	45.8	88.4	90.3	92.3	92.9	92.9	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	45.8	89.0	91.0	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	45.8	89.0	91.0	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	45.8	90.3	92.3	94.2	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	45.8	90.3	92.3	94.2	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	45.8	90.3	92.3	94.2	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	45.8	90.3	92.3	94.2	95.5	96.1	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	45.8	90.3	92.3	94.2	95.5	96.1	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	45.8	90.3	92.3	94.2	95.5	96.1	96.8	97.4	97.4	97.4	98.1	98.1	98.7	98.7	98.7	98.7
≥ 400	45.8	90.3	92.3	94.2	95.5	96.1	97.4	98.1	98.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 300	45.8	90.3	92.3	94.2	95.5	96.1	97.4	98.1	98.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 200	45.8	90.3	92.3	94.2	95.5	96.1	97.4	98.1	98.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
≥ 100	45.8	90.3	92.3	94.2	95.5	96.1	97.4	98.1	98.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
0	45.8	90.3	92.3	94.2	95.5	96.1	97.4	98.1	98.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[redacted] EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	67.1	67.7	69.0	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	73.6
≥ 20000	36.8	69.0	69.7	71.0	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 18000	36.8	69.0	69.7	71.0	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 16000	36.8	69.0	69.7	71.0	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 14000	36.8	69.0	69.7	71.0	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 12000	37.4	70.3	71.0	72.3	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.8
≥ 10000	37.4	71.0	71.6	72.9	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 9000	37.4	71.0	71.6	72.9	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 8000	38.1	71.6	72.3	74.2	77.4	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 7000	39.4	73.6	74.2	76.1	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 6000	39.4	74.8	75.5	77.4	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 5000	40.0	76.1	76.8	78.7	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 4500	40.0	76.1	76.8	78.7	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 4000	41.3	78.7	79.4	81.3	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 3500	42.6	81.3	81.9	83.9	87.1	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 3000	43.2	81.9	82.6	85.2	88.4	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 2500	43.9	82.6	83.9	86.5	89.7	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 2000	43.9	83.2	84.5	87.1	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 1800	43.9	84.5	85.8	88.4	91.6	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 1500	43.9	85.2	86.5	89.0	92.9	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 1200	43.9	87.1	88.4	91.0	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 1000	43.9	87.1	88.4	91.0	95.5	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 900	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 800	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 700	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 600	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 500	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 400	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 200	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 100	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.7
0	43.9	87.7	89.0	91.6	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JAN (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.5	62.3	64.7	66.6	68.1	68.4	69.1	69.3	69.4	69.5	69.6	69.6	69.8	69.8	69.8	69.9
≥ 20000	39.1	65.5	68.1	70.1	71.8	72.1	72.9	73.1	73.2	73.3	73.4	73.4	73.6	73.6	73.6	73.8
≥ 18000	39.2	65.6	68.2	70.2	71.9	72.2	73.0	73.2	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.9
≥ 16000	39.2	65.6	68.2	70.2	71.9	72.2	73.0	73.2	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.9
≥ 14000	39.4	65.8	68.4	70.4	72.2	72.4	73.2	73.5	73.5	73.6	73.7	73.7	73.9	73.9	73.9	74.1
≥ 12000	40.0	66.8	69.3	71.5	73.3	73.5	74.4	74.7	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.3
≥ 10000	41.1	68.8	71.4	73.9	75.7	76.1	77.0	77.2	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.9
≥ 9000	41.1	68.9	71.5	74.0	75.8	76.2	77.1	77.3	77.4	77.5	77.6	77.6	77.8	77.8	77.8	78.0
≥ 8000	41.9	70.4	73.0	75.6	77.4	77.9	78.8	79.0	79.1	79.2	79.3	79.3	79.5	79.5	79.5	79.7
≥ 7000	42.2	71.2	73.9	76.5	78.3	78.9	79.9	80.2	80.2	80.3	80.4	80.4	80.6	80.6	80.6	80.8
≥ 6000	42.4	71.7	74.4	77.0	78.8	79.4	80.4	80.6	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.3
≥ 5000	43.1	72.6	75.4	78.0	79.7	80.4	81.4	81.6	81.7	81.8	81.8	81.8	82.1	82.1	82.1	82.2
≥ 4500	43.1	72.8	75.5	78.1	79.9	80.6	81.5	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.4
≥ 4000	44.6	74.8	77.6	80.2	81.9	82.6	83.5	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.5
≥ 3500	46.1	77.2	80.2	82.7	84.7	85.3	86.3	86.7	86.8	86.9	87.0	87.0	87.3	87.3	87.3	87.4
≥ 3000	46.7	78.9	81.9	84.7	86.6	87.3	88.2	88.6	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.4
≥ 2500	47.3	80.7	83.9	86.7	88.6	89.3	90.2	90.6	90.7	90.9	91.0	91.0	91.2	91.2	91.2	91.4
≥ 2000	48.0	82.0	85.2	88.1	90.0	90.6	91.6	92.0	92.1	92.3	92.3	92.3	92.6	92.6	92.6	92.7
≥ 1800	48.1	82.5	85.7	88.6	90.6	91.2	92.2	92.6	92.7	92.8	92.9	92.9	93.1	93.1	93.1	93.3
≥ 1500	48.6	83.9	87.2	90.2	92.3	93.0	94.0	94.4	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.2
≥ 1200	48.7	84.7	88.1	91.2	93.4	94.0	95.0	95.5	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.3
≥ 1000	48.7	85.0	88.4	91.5	94.0	94.8	95.7	96.3	96.4	96.6	96.7	96.7	96.9	96.9	97.0	97.2
≥ 900	48.7	85.2	88.6	91.9	94.4	95.1	96.1	96.6	96.7	96.9	97.0	97.0	97.3	97.3	97.3	97.5
≥ 800	48.7	85.2	88.6	91.9	94.4	95.1	96.1	96.6	96.7	96.9	97.0	97.0	97.3	97.3	97.3	97.5
≥ 700	48.7	85.2	88.6	91.9	94.4	95.2	96.2	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.6	97.7
≥ 600	48.7	85.2	88.6	91.9	94.5	95.3	96.3	96.9	97.0	97.3	97.4	97.4	97.7	97.7	97.8	98.0
≥ 500	48.7	85.2	88.6	91.9	94.5	95.3	96.3	97.0	97.1	97.6	97.7	97.7	98.1	98.1	98.1	98.3
≥ 400	48.7	85.2	88.6	91.9	94.5	95.3	96.5	97.2	97.4	98.0	98.1	98.1	98.6	98.6	98.6	98.8
≥ 300	48.7	85.2	88.6	91.9	94.5	95.3	96.5	97.2	97.4	98.0	98.1	98.1	98.7	98.7	98.8	99.0
≥ 200	48.7	85.2	88.6	91.9	94.5	95.3	96.5	97.2	97.4	98.1	98.3	98.3	99.0	99.0	99.2	99.4
≥ 100	48.7	85.2	88.6	91.9	94.5	95.3	96.5	97.2	97.4	98.1	98.3	98.3	99.0	99.0	99.3	99.6
0	48.7	85.2	88.6	91.9	94.5	95.3	96.5	97.2	97.4	98.1	98.3	98.3	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1239

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH | 01 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.0	61.0	63.8	66.0	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	34.8	63.1	66.0	68.1	70.2	70.2	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	34.8	63.1	66.0	68.1	70.2	70.2	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	34.8	63.1	66.0	68.1	70.2	70.2	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	34.8	63.8	66.7	68.8	70.9	70.9	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	34.8	63.8	66.7	68.8	70.9	70.9	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	34.8	64.5	67.4	69.5	71.6	71.6	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	34.8	64.5	67.4	69.5	71.6	71.6	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	35.5	65.3	68.1	70.2	72.3	72.3	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	35.5	65.3	68.1	70.2	72.3	72.3	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	35.5	66.0	68.8	70.9	73.1	73.1	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	37.6	68.1	70.9	73.1	75.2	75.2	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	37.6	68.8	71.6	73.8	75.9	75.9	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	37.6	70.2	73.1	75.2	77.3	77.3	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	37.6	72.3	75.2	77.3	79.4	79.4	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	38.3	73.1	75.9	78.7	80.9	80.9	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	38.3	73.8	76.6	79.4	81.6	81.6	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	38.3	73.8	76.6	79.4	81.6	81.6	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	38.3	74.5	77.3	80.1	82.3	82.3	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	39.0	76.6	80.1	83.0	85.1	85.1	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	39.0	76.6	80.1	83.0	85.1	85.1	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	39.0	79.4	83.0	85.8	87.9	87.9	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	39.0	79.4	83.7	86.5	88.7	88.7	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	39.0	79.4	83.7	86.5	88.7	88.7	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	39.0	80.1	84.4	87.2	89.4	89.4	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	39.0	80.1	85.1	87.9	90.8	90.8	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	39.0	80.1	85.1	88.7	91.5	91.5	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	39.0	80.1	85.1	90.1	92.9	92.9	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	39.0	80.1	85.1	90.1	92.9	92.9	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	39.0	80.1	85.1	90.1	92.9	92.9	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100	39.0	80.1	85.1	90.1	92.9	92.9	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.9	
≥ 0	39.0	80.1	85.1	90.1	92.9	92.9	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

04 (HOURS (L S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.9	56.0	56.7	57.5	59.6	59.6	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	33.3	61.0	61.7	62.4	64.5	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	33.3	61.0	61.7	62.4	64.5	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	33.3	61.0	61.7	62.4	64.5	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	33.3	61.0	61.7	62.4	64.5	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	33.3	61.0	61.7	62.4	64.5	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	34.8	62.4	63.1	63.8	66.0	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	34.8	62.4	63.1	63.8	66.0	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	36.2	63.8	64.5	65.3	67.4	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	36.2	63.8	64.5	65.3	67.4	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	36.2	63.8	64.5	65.3	67.4	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	36.9	64.5	65.3	66.0	68.1	68.1	68.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	37.6	66.0	66.7	67.4	69.5	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	37.6	66.0	66.7	67.4	69.5	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	39.0	68.8	69.5	70.2	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	39.7	71.6	72.3	73.1	75.2	75.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	39.7	74.5	75.2	75.9	78.0	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	39.7	77.3	78.7	79.4	82.3	82.3	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	39.7	78.0	79.4	80.1	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	40.4	80.1	81.6	83.0	85.8	85.8	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	40.4	80.9	82.3	83.7	86.5	86.5	86.5	87.9	87.9	87.9	87.9	87.9	88.7	88.7	88.7	88.7
≥ 1000	41.1	82.3	83.7	85.8	88.7	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.8	90.8	90.8	90.8
≥ 900	41.1	82.3	83.7	85.8	88.7	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.8	90.8	90.8	90.8
≥ 800	41.1	82.3	83.7	85.8	88.7	88.7	88.7	90.1	90.1	90.8	90.8	90.8	91.5	91.5	91.5	91.5
≥ 700	41.1	82.3	83.7	86.5	90.1	90.1	90.1	91.5	91.5	92.2	92.2	92.2	92.9	92.9	92.9	92.9
≥ 600	41.1	82.3	83.7	86.5	90.1	90.1	90.1	91.5	91.5	92.2	92.2	92.2	92.9	92.9	92.9	92.9
≥ 500	41.1	82.3	83.7	87.2	91.5	91.5	91.5	92.9	92.9	93.6	93.6	93.6	94.3	94.3	94.3	94.3
≥ 400	41.1	82.3	83.7	87.9	92.2	92.2	92.2	93.6	93.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0
≥ 300	41.1	82.3	83.7	87.9	92.2	92.2	92.2	93.6	93.6	94.3	94.3	94.3	95.0	95.0	95.0	95.0
≥ 200	41.1	82.3	83.7	88.7	92.9	92.9	92.9	94.3	94.3	95.0	95.0	95.0	95.7	95.7	95.7	95.7
≥ 100	41.1	82.3	83.7	88.7	92.9	92.9	92.9	94.3	94.3	95.0	95.0	95.7	96.5	96.5	96.5	97.2
≥ 0	41.1	82.3	83.7	88.7	92.9	92.9	92.9	94.3	94.3	95.0	95.0	95.7	96.5	96.5	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	53.2	54.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	33.3	56.0	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	33.3	56.0	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	33.3	56.0	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	33.3	56.0	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	35.5	58.9	61.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	37.6	63.8	66.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	37.6	63.8	66.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	38.3	66.0	68.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	39.0	66.7	68.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	39.0	66.7	68.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	39.7	67.4	69.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	39.7	68.1	70.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	40.4	70.2	72.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	40.4	72.3	74.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	40.4	75.2	77.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	40.4	75.9	78.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	41.1	77.3	79.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	41.1	78.0	80.1	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	41.1	78.7	80.9	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	41.1	79.4	81.6	85.1	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	41.1	79.4	82.3	85.8	87.9	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	41.1	79.4	83.0	86.5	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	41.1	79.4	83.0	87.2	89.4	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	41.1	79.4	83.0	87.2	89.4	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	41.1	79.4	83.0	87.2	89.4	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	94.3	94.3
≥ 200	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	94.3	94.3
≥ 100	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	94.3	96.5
0	41.1	80.1	83.7	87.9	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.5	46.8	51.1	52.5	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.3	55.3	55.3
≥ 20000	34.0	51.1	55.3	56.7	59.6	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7	61.7	61.7
≥ 18000	34.0	51.1	55.3	57.5	60.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 16000	34.0	51.1	55.3	57.5	60.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 14000	34.0	51.1	55.3	57.5	60.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 12000	35.5	52.5	56.7	58.9	61.7	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8	63.8
≥ 10000	35.5	53.2	57.5	59.6	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.5	64.5	64.5
≥ 9000	35.5	53.2	57.5	59.6	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.5	64.5	64.5
≥ 8000	35.5	54.6	59.6	62.4	65.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4
≥ 7000	36.2	55.3	60.3	63.8	66.7	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.8	68.8	68.8
≥ 6000	36.9	56.7	61.7	65.3	68.1	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	70.2	70.2	70.2
≥ 5000	37.6	58.2	63.1	66.7	69.5	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.6	71.6	71.6
≥ 4500	39.0	60.3	65.3	68.8	71.6	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.8	73.8	73.8
≥ 4000	39.7	61.7	66.7	70.2	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2	75.2	75.2
≥ 3500	40.4	63.8	68.8	72.3	75.2	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.3	77.3	77.3
≥ 3000	44.0	68.1	73.1	76.6	79.4	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.6	81.6	81.6
≥ 2500	44.0	69.5	74.5	78.7	81.6	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.7	83.7	83.7
≥ 2000	44.0	72.3	78.0	82.3	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.2	87.2	87.2
≥ 1800	44.0	73.1	78.7	83.7	87.2	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4	89.4
≥ 1500	44.7	75.2	82.3	87.2	90.8	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.9	92.9	92.9
≥ 1200	44.7	75.9	83.0	88.7	92.2	92.9	93.6	93.6	93.6	94.3	94.3	94.3	94.3	95.0	95.0	95.0
≥ 1000	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 900	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 800	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 700	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 600	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 500	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	95.7	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 400	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	96.5	97.2	97.2	97.2	97.9	98.6	98.6	98.6
≥ 300	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	96.5	97.9	97.9	97.9	98.6	99.3	99.3	99.3
≥ 200	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	96.5	97.9	97.9	97.9	98.6	99.3	99.3	99.3
≥ 100	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	96.5	97.9	97.9	97.9	98.6	99.3	99.3	99.3
0	44.7	75.9	83.0	89.4	94.3	95.0	95.7	95.7	96.5	97.9	97.9	97.9	98.6	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	44.0	47.5	49.7	51.1	52.5	54.6	55.3	55.3	55.3	55.3	55.3	55.3	56.0	56.0	56.0
≥ 20000	30.5	49.7	53.2	55.3	57.5	59.6	61.7	62.4	62.4	62.4	62.4	62.4	62.4	63.1	63.1	63.1
≥ 18000	30.5	49.7	53.2	55.3	57.5	59.6	61.7	62.4	62.4	62.4	62.4	62.4	62.4	63.1	63.1	63.1
≥ 16000	30.5	49.7	53.2	55.3	57.5	59.6	61.7	62.4	62.4	62.4	62.4	62.4	62.4	63.1	63.1	63.1
≥ 14000	31.2	50.4	53.9	56.0	58.2	60.3	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8	63.8
≥ 12000	33.3	53.9	57.5	59.6	61.7	63.8	66.0	66.7	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4
≥ 10000	33.3	54.6	58.9	61.0	63.8	66.0	68.1	68.8	68.8	68.8	68.8	68.8	68.8	69.5	69.5	69.5
≥ 9000	33.3	54.6	58.9	61.0	63.8	66.0	68.1	68.8	68.8	68.8	68.8	68.8	68.8	69.5	69.5	69.5
≥ 8000	33.3	56.0	60.3	62.4	65.3	67.4	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.9	70.9	70.9
≥ 7000	34.0	56.7	61.0	63.8	66.7	68.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 6000	34.8	57.5	61.7	64.5	67.4	69.5	71.6	72.3	72.3	72.3	72.3	72.3	72.3	73.1	73.1	73.1
≥ 5000	36.2	58.9	63.1	66.0	68.8	70.9	73.1	73.8	73.8	73.8	73.8	73.8	73.8	74.5	74.5	74.5
≥ 4500	36.9	59.6	63.8	66.7	69.5	71.6	73.8	74.5	74.5	74.5	74.5	74.5	74.5	75.2	75.2	75.2
≥ 4000	39.0	62.4	67.4	70.2	73.1	75.2	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7
≥ 3500	39.7	63.8	68.8	71.6	74.5	76.6	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.1	80.1	80.1
≥ 3000	41.1	67.4	72.3	75.2	78.0	80.1	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.7	83.7	83.7
≥ 2500	41.8	70.9	76.6	79.4	82.3	84.4	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.9	87.9	87.9
≥ 2000	42.6	74.5	81.6	85.1	87.9	90.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6
≥ 1800	42.6	75.2	82.3	85.8	88.7	90.8	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.3	94.3	94.3
≥ 1500	44.0	78.7	85.8	89.4	92.2	94.3	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9	97.9	97.9
≥ 1200	44.0	78.7	85.8	89.4	92.2	94.3	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9	97.9	97.9
≥ 1000	44.0	78.7	85.8	89.4	92.2	94.3	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9	97.9	97.9
≥ 900	44.0	78.7	85.8	89.4	92.9	95.0	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 800	44.0	78.7	86.5	90.1	93.6	95.7	97.9	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3
≥ 700	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 600	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 500	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 400	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 300	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 200	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
0	44.0	78.7	86.5	90.1	93.6	96.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	51.8	52.5	55.3	55.3	56.7	56.7	57.5	57.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	30.5	56.7	58.2	61.7	61.7	63.1	63.1	63.8	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	30.5	56.7	58.2	61.7	61.7	63.1	63.1	63.8	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	30.5	56.7	58.2	61.7	61.7	63.1	63.1	63.8	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	31.2	57.5	58.9	62.4	62.4	63.8	63.8	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	33.3	61.7	63.1	66.7	66.7	68.1	68.1	68.8	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	35.5	64.5	67.4	70.9	70.9	72.3	72.3	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	35.5	64.5	67.4	70.9	70.9	72.3	72.3	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	35.5	66.7	70.2	73.8	73.8	75.2	75.2	75.9	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	35.5	66.7	70.2	74.5	74.5	75.9	75.9	76.6	76.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	35.5	66.7	70.2	74.5	74.5	75.9	75.9	76.6	76.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	36.2	69.5	73.1	78.0	78.0	79.4	79.4	80.1	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	36.2	69.5	73.1	78.0	78.0	79.4	79.4	80.1	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	37.6	73.1	77.3	82.3	82.3	83.7	83.7	84.4	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	37.6	73.8	78.0	83.0	83.0	84.4	84.4	85.1	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	37.6	76.6	81.6	86.5	86.5	87.9	87.9	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	39.0	80.1	85.1	90.1	90.1	91.5	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	39.0	81.6	86.5	91.5	91.5	92.9	92.9	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	39.0	81.6	86.5	91.5	91.5	92.9	92.9	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	39.0	81.6	86.5	91.5	91.5	92.9	92.9	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	40.4	83.0	87.9	92.9	92.9	94.3	94.3	95.0	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	40.4	83.7	88.7	93.6	93.6	95.0	95.0	95.7	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	40.4	83.7	88.7	93.6	93.6	95.0	95.0	95.7	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	40.4	83.7	88.7	93.6	93.6	95.0	95.0	95.7	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	40.4	83.7	88.7	93.6	93.6	95.0	95.0	96.5	96.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	40.4	83.7	88.7	93.6	93.6	95.7	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	40.4	83.7	88.7	93.6	93.6	95.7	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	40.4	83.7	88.7	93.6	93.6	95.7	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	40.4	83.7	88.7	93.6	93.6	95.7	96.5	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.4	83.7	88.7	93.6	93.6	95.7	96.5	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.4	83.7	88.7	93.6	93.6	95.7	96.5	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	40.4	83.7	88.7	93.6	93.6	95.7	96.5	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.5	59.6	60.3	61.0	62.4	63.1	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	32.6	63.8	65.3	66.0	67.4	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	32.6	63.8	65.3	66.0	67.4	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	32.6	63.8	65.3	66.0	67.4	68.1	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	32.6	64.5	66.0	66.7	68.1	68.8	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	33.3	66.0	67.4	68.1	69.5	70.2	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	35.5	68.8	70.2	70.9	72.3	73.1	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	35.5	68.8	70.2	70.9	72.3	73.1	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	37.6	71.6	73.1	73.8	75.2	75.9	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	37.6	73.1	74.5	75.2	76.6	77.3	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	37.6	73.1	74.5	75.2	76.6	77.3	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	37.6	73.1	74.5	75.2	76.6	77.3	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	38.3	74.5	75.9	76.6	78.0	78.7	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	38.3	76.6	78.0	79.4	80.9	81.6	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	39.0	80.1	82.3	83.7	85.1	85.8	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	40.4	81.6	83.7	85.1	86.5	87.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	40.4	82.3	84.4	85.8	87.2	87.9	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	40.4	84.4	86.5	87.9	89.4	90.1	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	40.4	85.1	87.2	88.7	90.1	90.8	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	40.4	87.2	89.4	90.8	92.2	92.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	40.4	87.9	90.1	91.5	92.9	93.6	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	41.1	89.4	91.5	92.9	94.3	95.0	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	41.1	90.1	92.2	93.6	95.0	95.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	41.1	91.5	93.6	95.0	96.5	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	41.1	91.5	93.6	95.0	96.5	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	41.1	91.5	93.6	95.0	96.5	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	41.1	91.5	93.6	95.0	96.5	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	41.1	91.5	93.6	95.0	96.5	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	41.1	91.5	93.6	95.0	96.5	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.1	91.5	93.6	95.0	96.5	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.1	91.5	93.6	95.0	96.5	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.1	91.5	93.6	95.0	96.5	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

22 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	60.9	61.0	62.4	64.5	64.5	65.3	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	35.5	64.5	65.3	66.7	68.8	68.8	69.5	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	35.5	64.5	65.3	66.7	68.8	68.8	69.5	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	35.5	64.5	65.3	66.7	68.8	68.8	69.5	69.5	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	36.2	65.3	66.0	67.4	69.5	69.5	70.2	70.2	70.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	36.2	66.0	66.7	68.1	70.2	70.2	70.9	70.9	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	37.6	68.1	68.8	70.2	72.3	72.3	73.1	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	37.6	68.1	68.8	70.2	72.3	72.3	73.1	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	38.3	68.8	69.5	70.9	73.1	73.1	73.8	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	38.3	69.5	70.2	71.6	73.8	73.8	74.5	74.5	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	38.3	70.2	70.9	72.3	74.5	74.5	75.2	75.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	39.0	71.6	72.3	73.8	75.9	75.9	76.6	76.6	76.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	40.4	73.8	74.5	75.9	78.0	78.0	78.7	78.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	41.8	75.9	76.6	78.0	80.1	80.1	80.9	80.9	80.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	41.8	78.0	78.7	80.1	82.3	82.3	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	42.6	80.1	80.9	82.3	84.4	84.4	85.1	85.1	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	42.6	80.9	81.6	83.0	85.1	85.1	85.8	85.8	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	43.3	82.3	83.0	84.4	86.5	86.5	87.2	87.2	87.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	43.3	83.0	83.7	85.1	87.2	87.2	87.9	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	43.3	84.4	85.8	87.2	89.4	89.4	90.1	90.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	43.3	85.1	86.5	87.9	90.1	90.1	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	43.3	85.8	87.2	88.7	90.8	91.5	92.2	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	43.3	86.5	87.9	89.4	91.5	92.2	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	43.3	86.5	87.9	89.4	91.5	92.2	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	43.3	87.2	88.7	90.1	92.2	92.9	93.6	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	43.3	87.2	89.4	90.8	92.9	93.6	94.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	43.3	87.9	90.1	91.5	93.6	94.3	95.0	95.0	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	43.3	87.9	90.1	91.5	94.3	95.0	95.7	95.7	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	43.3	87.9	90.1	91.5	94.3	95.0	96.5	96.5	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	43.3	87.9	90.1	91.5	94.3	95.0	96.5	96.5	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	43.3	87.9	90.1	91.5	94.3	95.0	96.5	96.5	96.5	97.9	98.6	98.6	98.6	98.6	98.6	100.0
0	43.3	87.9	90.1	91.5	94.3	95.0	96.5	96.5	96.5	97.9	98.6	98.6	98.6	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.3	54.1	55.9	57.6	59.0	59.5	60.0	60.5	60.5	60.8	60.8	60.8	60.8	61.0	61.0	61.0
≥ 20000	33.1	58.2	60.4	62.2	63.7	64.4	65.1	65.6	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.1
≥ 18000	33.1	58.2	60.4	62.2	63.8	64.5	65.2	65.7	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 16000	33.1	58.2	60.4	62.2	63.8	64.5	65.2	65.7	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 14000	33.3	58.7	60.8	62.7	64.3	64.9	65.6	66.1	66.1	66.5	66.5	66.5	66.5	66.7	66.7	66.7
≥ 12000	34.4	60.5	62.6	64.5	66.1	66.7	67.4	67.9	67.9	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 10000	35.6	62.5	64.9	66.8	68.4	69.1	69.9	70.4	70.4	70.7	70.7	70.7	70.7	70.9	70.9	70.9
≥ 9000	35.6	62.5	64.9	66.8	68.4	69.1	69.9	70.4	70.4	70.7	70.7	70.7	70.7	70.9	70.9	70.9
≥ 8000	36.3	64.1	66.7	68.7	70.4	71.0	71.8	72.3	72.3	72.7	72.7	72.7	72.7	72.9	72.9	72.9
≥ 7000	36.5	64.6	67.2	69.5	71.2	71.8	72.6	73.1	73.1	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 6000	36.7	65.1	67.6	70.0	71.6	72.3	73.1	73.6	73.6	73.9	73.9	73.9	73.9	74.1	74.1	74.1
≥ 5000	37.6	66.4	69.0	71.5	73.1	73.8	74.6	75.1	75.1	75.4	75.4	75.4	75.4	75.6	75.6	75.6
≥ 4500	38.2	67.6	70.1	72.6	74.3	74.9	75.7	76.2	76.2	76.6	76.6	76.6	76.6	76.8	76.8	76.8
≥ 4000	39.0	69.5	72.3	74.8	76.5	77.1	77.9	78.5	78.5	78.8	78.8	78.8	78.8	79.0	79.0	79.0
≥ 3500	39.5	71.6	74.5	77.0	78.7	79.3	80.1	80.7	80.7	81.0	81.0	81.0	81.0	81.2	81.2	81.2
≥ 3000	40.5	74.2	77.1	79.8	81.5	82.1	82.9	83.4	83.4	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 2500	40.8	76.0	79.0	81.7	83.4	84.0	84.8	85.4	85.4	85.7	85.7	85.7	85.7	85.9	85.9	85.9
≥ 2000	41.1	77.9	81.3	84.1	85.9	86.5	87.3	87.9	87.9	88.2	88.2	88.2	88.2	88.4	88.4	88.4
≥ 1800	41.1	78.6	81.9	84.8	86.8	87.4	88.2	88.7	88.7	89.1	89.1	89.1	89.1	89.3	89.3	89.3
≥ 1500	41.5	80.3	84.0	87.1	89.0	89.6	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 1200	41.7	80.9	84.7	87.8	89.9	90.6	91.4	92.0	92.0	92.5	92.5	92.5	92.6	92.7	92.7	92.7
≥ 1000	41.8	81.8	85.6	88.9	91.2	92.0	92.8	93.4	93.4	93.9	93.9	93.9	94.0	94.2	94.2	94.2
≥ 900	41.8	82.0	86.0	89.3	91.7	92.5	93.3	94.0	94.0	94.4	94.4	94.4	94.5	94.7	94.7	94.7
≥ 800	41.8	82.2	86.3	89.6	92.0	92.9	93.7	94.4	94.4	95.0	95.0	95.0	95.0	95.2	95.2	95.2
≥ 700	41.8	82.4	86.4	89.9	92.4	93.4	94.2	95.0	95.0	95.5	95.5	95.5	95.6	95.7	95.7	95.7
≥ 600	41.8	82.4	86.6	90.1	92.6	93.7	94.6	95.4	95.4	95.9	95.9	95.9	96.0	96.2	96.2	96.2
≥ 500	41.8	82.5	86.8	90.4	93.1	94.2	95.1	95.9	95.9	96.6	96.6	96.6	96.7	96.9	96.9	96.9
≥ 400	41.8	82.5	86.8	90.7	93.4	94.5	95.5	96.3	96.4	97.1	97.1	97.1	97.3	97.4	97.4	97.4
≥ 300	41.8	82.5	86.8	90.7	93.4	94.6	95.7	96.5	96.6	97.4	97.5	97.5	97.7	97.9	98.0	98.0
≥ 200	41.8	82.5	86.8	90.8	93.5	94.7	95.7	96.6	96.7	97.5	97.6	97.6	97.8	98.0	98.1	98.1
≥ 100	41.8	82.5	86.8	90.8	93.5	94.7	95.7	96.6	96.7	97.5	97.6	97.7	97.9	98.1	98.1	98.9
≥ 0	41.8	82.5	86.8	90.8	93.5	94.7	95.7	96.6	96.7	97.5	97.6	97.7	97.9	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1128

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.7	58.7	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	29.7	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	29.7	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	29.7	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	29.7	60.0	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	31.0	61.3	61.3	61.3	61.3	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	31.6	61.9	61.9	61.9	61.9	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	31.6	62.6	62.6	62.6	62.6	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	31.6	63.9	63.9	63.9	63.9	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	31.6	65.2	65.2	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	31.6	65.2	65.2	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	32.3	67.1	67.1	67.1	67.1	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	32.3	67.1	67.1	67.1	67.1	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	33.6	72.3	72.3	72.3	72.3	72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	34.2	74.8	74.8	74.8	74.8	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	38.7	82.6	82.6	82.6	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	40.0	84.5	84.5	84.5	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	40.0	85.8	85.8	85.8	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	40.0	85.8	85.8	85.8	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	40.7	87.7	87.7	87.7	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	41.3	90.3	90.3	90.3	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	41.3	91.6	91.6	91.6	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	41.9	92.9	92.9	92.9	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	41.9	92.9	92.9	92.9	94.2	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	41.9	92.9	92.9	92.9	94.2	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	42.6	93.6	93.6	94.2	95.5	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1
≥ 200	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.7
≥ 100	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.7
0	42.6	93.6	94.2	94.8	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.7	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	28.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	28.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	28.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	28.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	29.0	60.0	60.0	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	29.7	61.9	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	29.7	61.9	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	29.7	62.6	62.6	62.6	63.2	63.2	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	29.7	63.9	63.9	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	29.7	63.9	63.9	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	30.3	65.2	65.2	65.2	65.8	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	30.3	65.8	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	31.6	68.4	68.4	68.4	69.0	69.0	69.0	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	32.9	72.9	72.9	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	33.6	76.1	76.1	76.1	76.8	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	34.8	78.7	78.7	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	36.1	80.7	80.7	80.7	81.3	81.3	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	36.8	82.6	82.6	82.6	83.2	83.2	83.2	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	36.8	85.8	86.5	86.5	87.1	87.1	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	37.4	88.4	89.0	89.0	89.7	89.7	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	38.7	90.3	91.0	91.0	91.6	91.6	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	38.7	91.0	91.6	91.6	92.9	92.9	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	38.7	91.0	91.6	91.6	92.9	93.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	38.7	91.0	91.6	91.6	92.9	93.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	38.7	91.0	92.3	92.9	94.2	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	38.7	91.0	92.3	92.9	94.2	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	38.7	91.0	92.3	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	38.7	91.0	92.3	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	38.7	91.0	92.3	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	38.7	91.0	92.3	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	97.4
0	38.7	91.0	92.3	92.9	94.8	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	51.6	52.9	53.6	53.6	53.6	53.6	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	55.5
≥ 20000	29.7	54.8	56.1	56.8	56.8	56.8	56.8	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 18000	29.7	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 16000	29.7	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 14000	29.7	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 12000	31.0	57.4	59.4	60.0	60.0	60.0	60.0	60.0	60.7	61.9	61.9	61.9	61.9	61.9	61.9	62.6
≥ 10000	32.3	59.4	61.3	61.9	61.9	61.9	61.9	61.9	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5
≥ 9000	32.3	59.4	61.3	61.9	61.9	61.9	61.9	61.9	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5
≥ 8000	32.3	60.7	62.6	63.2	63.9	63.9	63.9	63.9	64.5	65.8	65.8	65.8	65.8	65.8	65.8	66.5
≥ 7000	32.3	60.7	62.6	63.2	63.9	63.9	64.5	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	67.1
≥ 6000	32.3	60.7	62.6	63.2	63.9	63.9	64.5	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	67.1
≥ 5000	32.9	61.3	63.2	63.9	64.5	64.5	65.2	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7
≥ 4500	32.9	61.3	63.2	63.9	64.5	64.5	65.2	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7
≥ 4000	35.5	65.8	67.7	68.4	69.0	69.0	69.7	69.7	70.3	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 3500	36.8	68.4	70.3	71.6	72.3	72.3	72.9	72.9	73.6	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 3000	36.8	69.0	71.0	72.3	72.9	72.9	73.6	73.6	74.2	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 2500	36.8	71.0	72.9	74.2	74.8	74.8	75.5	75.5	76.1	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 2000	37.4	74.2	76.1	78.7	79.4	79.4	80.0	80.0	80.7	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 1800	37.4	75.5	77.4	80.0	80.7	80.7	81.3	81.3	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 1500	38.7	80.0	82.6	86.5	87.1	87.1	87.7	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 1200	38.7	80.0	83.2	87.7	89.7	90.3	91.0	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 1000	38.7	80.7	84.5	89.0	91.0	92.3	92.9	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 900	38.7	80.7	84.5	89.0	91.0	92.3	92.9	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 800	38.7	80.7	84.5	89.0	91.0	92.3	92.9	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 700	38.7	80.7	84.5	89.0	91.0	92.3	92.9	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5
≥ 600	38.7	80.7	84.5	89.0	91.0	92.3	92.9	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	96.1
≥ 500	38.7	80.7	84.5	89.0	91.0	92.3	92.9	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 400	38.7	80.7	84.5	89.0	91.0	92.9	93.6	94.2	94.8	96.8	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	38.7	80.7	84.5	89.0	91.0	92.9	93.6	94.2	94.8	96.8	97.4	97.4	97.4	97.4	97.4	98.1
≥ 200	38.7	80.7	84.5	89.0	91.0	93.6	94.2	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1	100.0
≥ 100	38.7	80.7	84.5	89.0	91.0	93.6	94.2	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1	100.0
0	38.7	80.7	84.5	89.0	91.0	93.6	94.2	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

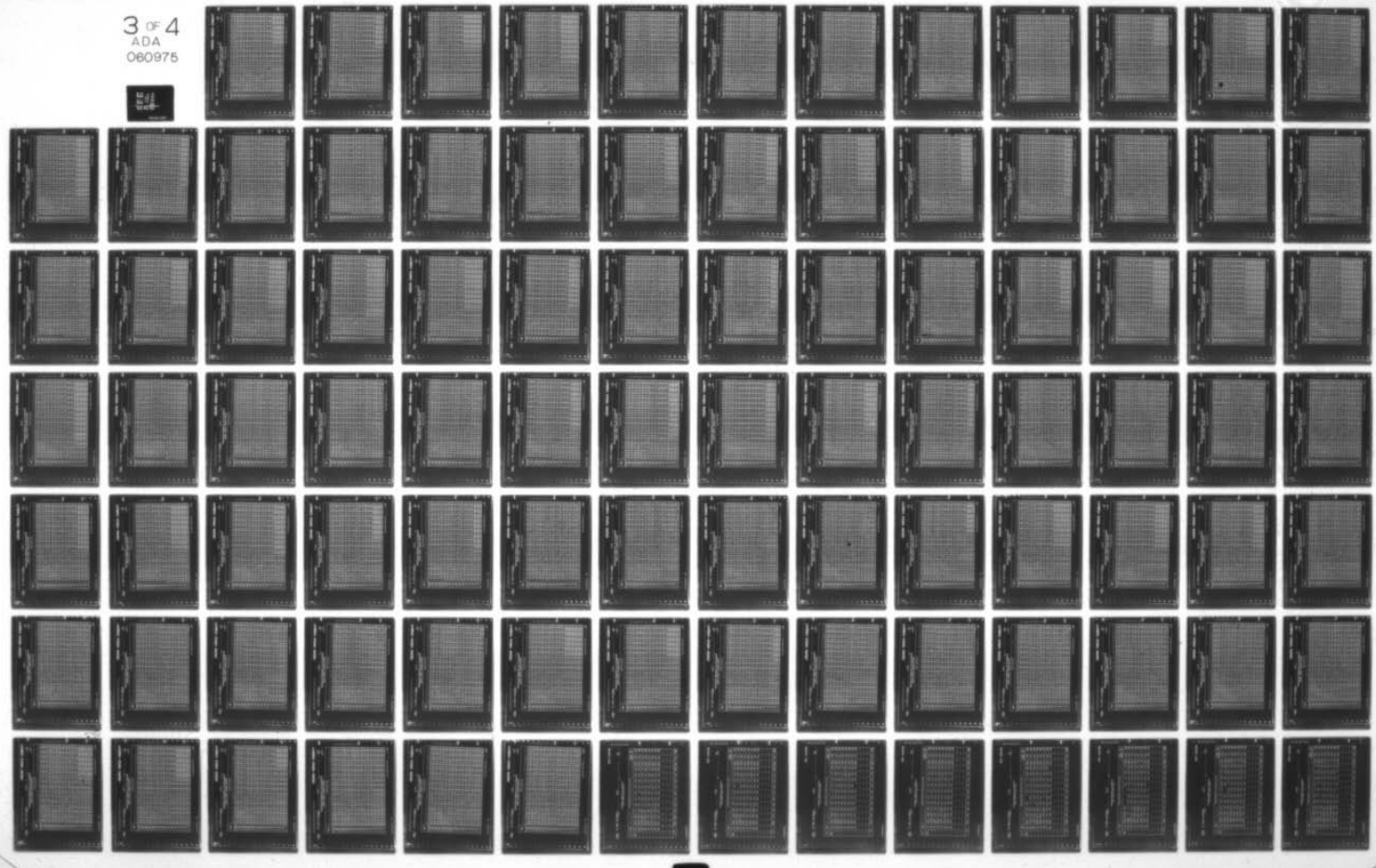
DIRNAVOCEANMET SMOS

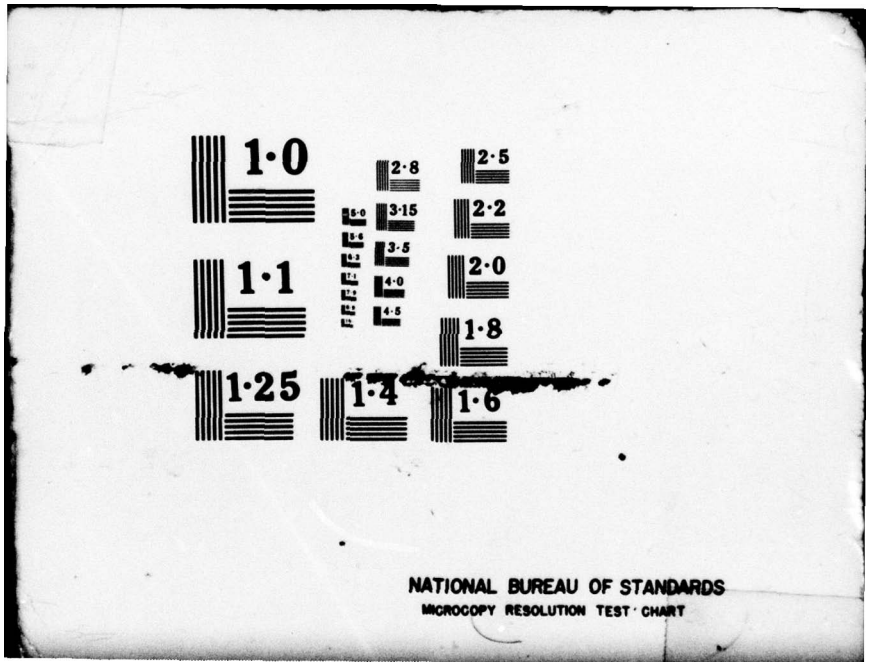
5703 CEILING VERSUS VISIBILITY JAN 78

AD-A060 975 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) EL TORO,--ETC(U)
JUL 78

UNCLASSIFIED NL

3 OF 4
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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.1	43.2	43.9	45.2	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	27.1	44.5	45.8	47.1	50.3	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	27.1	45.2	46.5	47.7	51.0	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	27.1	45.8	47.1	48.4	51.6	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000	27.1	45.8	47.1	48.4	51.6	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	27.7	47.7	49.0	50.3	53.6	54.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	27.7	49.0	50.3	51.6	54.8	55.5	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	27.7	49.0	50.3	51.6	54.8	55.5	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	28.4	49.7	51.0	52.3	55.5	56.1	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	28.4	50.3	51.6	52.9	56.1	56.8	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	28.4	50.3	51.6	52.9	56.1	56.8	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	29.0	52.3	54.2	55.5	58.7	59.4	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	29.0	52.3	54.2	55.5	58.7	59.4	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4000	30.3	55.5	57.4	58.7	61.9	62.6	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	31.6	58.1	60.0	61.3	64.5	65.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	34.8	63.9	65.8	67.7	71.0	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	36.8	70.3	72.3	74.2	77.4	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	38.7	74.8	78.7	80.7	83.9	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	38.7	77.4	81.3	83.2	86.5	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	39.4	81.3	85.8	89.0	92.3	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	39.4	81.9	87.1	90.3	93.6	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	39.4	82.6	87.7	91.6	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	39.4	83.2	88.4	92.9	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	39.4	83.2	88.4	92.9	96.1	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	39.4	83.2	88.4	92.9	96.1	96.8	98.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.4	83.9	89.0	93.6	96.8	97.4	98.7	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	43.2	47.1	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	27.1	45.8	49.7	51.6	52.9	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	27.1	46.5	50.3	52.3	53.6	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	27.1	47.1	51.0	52.9	54.2	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	27.1	47.1	51.0	52.9	54.2	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	27.7	50.3	54.2	56.1	57.4	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	29.7	52.3	56.1	58.1	59.4	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	29.7	52.3	56.1	58.1	59.4	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	29.7	52.9	56.8	59.4	60.7	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	29.7	53.6	57.4	60.0	61.3	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	29.7	53.6	57.4	60.0	61.3	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	29.7	53.6	57.4	60.0	61.3	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	29.7	54.2	58.1	60.7	61.9	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000	31.0	59.4	63.2	65.8	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	32.3	64.5	69.0	71.6	72.9	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	36.8	71.0	75.5	78.1	79.4	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	38.7	78.1	82.6	85.2	86.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	40.0	83.2	88.4	91.0	92.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	40.0	83.2	88.4	91.0	92.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	41.3	87.1	92.3	94.8	96.1	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	41.3	87.7	92.9	95.5	96.8	97.4	98.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.3	54.2	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	31.6	59.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	31.6	59.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	31.6	59.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	31.6	59.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	32.9	61.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	33.6	62.6	65.8	65.8	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	33.6	62.6	65.8	65.8	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	33.6	62.6	65.8	65.8	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	34.2	63.2	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	34.2	63.2	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	34.8	64.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	34.8	65.8	69.0	69.0	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	40.0	72.3	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	40.7	74.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	44.5	80.0	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	45.8	86.5	89.7	89.7	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	46.5	89.7	92.9	93.6	94.2	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	47.1	90.3	93.6	94.2	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	47.7	92.3	95.5	96.1	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	47.7	93.6	96.8	97.4	98.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.7	94.2	97.4	98.1	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	33.6	63.2	63.2	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	33.6	63.2	63.2	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	33.6	63.2	63.2	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	33.6	63.2	63.2	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	33.6	63.9	63.9	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	35.5	67.1	67.1	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	35.5	67.7	67.7	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	37.4	69.7	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	37.4	69.7	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	37.4	69.7	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	38.1	71.6	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	38.1	71.6	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	39.4	75.5	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	41.9	81.9	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	41.9	83.9	84.5	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	43.9	89.7	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	43.9	92.3	92.9	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	44.5	93.6	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	45.8	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	45.8	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	45.8	97.4	98.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	33.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	33.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	33.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	33.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	34.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	35.5	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	35.5	67.7	67.7	67.7	67.7	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	36.8	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	36.8	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	36.8	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	38.1	71.6	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	38.7	72.3	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	40.0	76.8	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	41.9	80.7	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	42.6	83.9	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	42.6	84.5	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	43.2	86.5	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	43.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	43.9	91.0	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	43.9	91.6	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	43.9	94.2	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	43.9	94.2	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	43.9	94.2	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	44.5	94.8	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	44.5	94.8	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	44.5	94.8	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	44.5	94.8	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	44.5	94.8	96.8	96.8	96.8	96.8	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	44.5	94.8	96.8	96.8	96.8	96.8	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	44.5	94.8	96.8	96.8	96.8	96.8	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	100.0
0	44.5	94.8	96.8	96.8	96.8	96.8	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.4	54.0	54.9	55.5	56.1	56.2	56.3	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 20000	30.1	56.5	57.6	58.2	59.0	59.1	59.4	59.5	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.1
≥ 18000	30.1	56.8	57.9	58.6	59.3	59.4	59.7	59.8	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.4
≥ 16000	30.1	56.9	58.1	58.7	59.4	59.6	59.8	60.0	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.6
≥ 14000	30.1	56.9	58.1	58.7	59.4	59.6	59.8	60.0	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.6
≥ 12000	30.9	58.5	59.7	60.3	61.1	61.2	61.5	61.9	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.5
≥ 10000	31.9	60.2	61.5	62.1	62.8	63.0	63.3	63.6	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	31.9	60.4	61.7	62.3	63.1	63.2	63.6	63.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.5
≥ 8000	32.4	61.5	62.8	63.6	64.4	64.5	64.8	65.2	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.8
≥ 7000	32.5	62.0	63.4	64.1	64.9	65.1	65.5	65.8	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.5
≥ 6000	32.5	62.0	63.4	64.1	64.9	65.1	65.5	65.8	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.5
≥ 5000	33.2	63.4	64.9	65.7	66.5	66.6	67.0	67.3	67.5	67.7	67.9	67.9	67.9	67.9	67.9	68.0
≥ 4500	33.2	63.8	65.3	66.1	66.9	67.0	67.4	67.7	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.4
≥ 4000	35.2	68.2	69.8	70.5	71.3	71.5	71.9	72.2	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.8
≥ 3500	36.5	72.0	73.6	74.4	75.2	75.4	75.8	76.1	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.8
≥ 3000	38.7	76.3	77.9	78.8	79.6	79.8	80.2	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	39.9	80.4	82.0	82.9	83.7	83.9	84.3	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	40.7	83.4	85.3	86.5	87.3	87.4	87.9	88.2	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9
≥ 1800	41.0	84.4	86.4	87.5	88.3	88.5	89.0	89.3	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.9
≥ 1500	41.8	87.5	89.7	91.1	91.9	92.1	92.6	93.0	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	41.9	88.6	91.0	92.5	93.6	93.8	94.3	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1000	42.1	89.8	92.3	94.0	95.0	95.3	95.9	96.3	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	42.2	90.2	92.7	94.4	95.5	95.8	96.4	96.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.4
≥ 800	42.2	90.2	92.7	94.4	95.7	96.1	96.6	97.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	42.3	90.2	92.8	94.5	95.7	96.1	96.7	97.1	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 600	42.3	90.4	93.1	94.9	96.1	96.5	97.1	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.3
≥ 500	42.3	90.4	93.2	95.0	96.2	96.6	97.2	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	42.3	90.4	93.2	95.0	96.3	96.8	97.3	97.8	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.8
≥ 300	42.3	90.4	93.2	95.0	96.3	96.8	97.4	97.9	98.1	98.5	98.8	98.8	98.8	98.9	98.9	99.0
≥ 200	42.3	90.4	93.2	95.0	96.3	96.9	97.5	98.0	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.4
≥ 100	42.3	90.4	93.2	95.0	96.3	96.9	97.5	98.0	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.5
0	42.3	90.4	93.2	95.0	96.3	96.9	97.5	98.0	98.2	98.6	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.0	58.0	60.0	60.7	60.7	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	34.7	59.3	61.3	62.0	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	34.7	59.3	61.3	62.0	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	34.7	59.3	61.3	62.0	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	34.7	60.0	62.0	62.7	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	34.7	60.0	62.0	62.7	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	35.3	60.7	62.7	63.3	63.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	35.3	60.7	62.7	63.3	63.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	36.0	61.3	63.3	64.0	64.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	36.7	62.7	64.7	65.3	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	36.7	62.7	64.7	65.3	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	37.3	63.3	65.3	66.0	66.0	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	38.0	64.0	66.0	66.7	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	38.7	66.0	68.0	68.7	68.7	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	40.7	69.3	71.3	72.0	72.0	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	40.7	71.3	73.3	74.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	41.3	72.7	74.7	75.3	75.3	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	44.0	76.7	78.7	79.3	79.3	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	44.0	77.3	79.3	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	45.3	80.0	82.0	83.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	46.7	81.3	84.7	86.0	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	46.7	83.3	86.7	88.0	88.7	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	46.7	83.3	86.7	88.0	88.7	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	46.7	84.7	88.0	89.3	90.7	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	46.7	84.7	88.7	90.7	92.0	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	46.7	84.7	88.7	90.7	92.0	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	46.7	84.7	89.3	91.3	93.3	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	46.7	84.7	89.3	91.3	94.7	94.7	96.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	46.7	84.7	89.3	91.3	96.0	96.0	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	46.7	84.7	89.3	91.3	96.0	96.0	97.3	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	46.7	84.7	89.3	91.3	96.0	96.0	97.3	98.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.7	84.7	89.3	91.3	96.0	96.0	97.3	98.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	52.0	52.0	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 20000	33.3	52.0	52.0	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 18000	33.3	52.0	52.0	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 16000	33.3	52.0	52.0	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 14000	33.3	52.0	52.0	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 12000	33.3	52.7	52.7	53.3	53.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.7	54.7
≥ 10000	33.3	53.3	53.3	54.0	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.3	55.3
≥ 9000	33.3	53.3	53.3	54.0	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.3	55.3
≥ 8000	34.0	54.0	54.0	54.7	54.7	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	56.0	56.0
≥ 7000	34.7	54.7	54.7	55.3	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 6000	34.7	54.7	54.7	55.3	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 5000	35.3	56.0	56.0	56.7	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	58.0	58.0
≥ 4500	35.3	56.0	56.0	56.7	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	58.0	58.0
≥ 4000	37.3	59.3	59.3	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3	61.3
≥ 3500	38.0	60.0	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0	62.0
≥ 3000	40.0	63.3	63.3	64.0	64.0	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	65.3
≥ 2500	42.7	68.7	68.7	69.3	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7	70.7
≥ 2000	44.0	72.7	72.7	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.7	74.7
≥ 1800	44.0	72.7	72.7	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.7	74.7
≥ 1500	46.7	78.0	78.0	78.7	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0
≥ 1200	46.7	79.3	80.7	81.3	81.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7
≥ 1000	46.7	84.0	85.3	86.7	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3
≥ 900	46.7	85.3	86.7	88.0	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7
≥ 800	46.7	86.0	87.3	88.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 700	46.7	86.0	87.3	88.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 600	46.7	86.0	87.3	89.3	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3
≥ 500	46.7	86.0	87.3	89.3	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3
≥ 400	46.7	86.0	88.0	90.0	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7
≥ 300	46.7	86.0	88.0	90.0	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7
≥ 200	46.7	86.0	88.0	90.0	92.7	92.7	93.3	94.0	94.0	94.0	94.7	94.7	94.7	94.7	95.3	95.3
≥ 100	46.7	86.0	88.0	90.0	92.7	92.7	93.3	94.0	94.0	94.0	95.3	95.3	97.3	97.3	98.7	98.7
0	46.7	86.0	88.0	90.0	92.7	92.7	93.3	94.0	94.0	94.0	95.3	95.3	97.3	97.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.7	45.3	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.7	50.7
≥ 20000	29.3	46.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7	52.7
≥ 18000	29.3	46.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7	52.7
≥ 16000	29.3	46.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7	52.7
≥ 14000	29.3	46.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7	52.7
≥ 12000	29.3	46.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.7	52.7
≥ 10000	30.0	47.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.3	53.3
≥ 9000	30.0	48.0	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 8000	32.0	50.7	54.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 7000	32.7	51.3	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.3	57.3
≥ 6000	33.3	52.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	58.0	58.0
≥ 5000	33.3	54.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.0	60.0
≥ 4500	33.3	54.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.0	60.0
≥ 4000	33.3	56.7	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7
≥ 3500	34.0	58.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.7	64.7
≥ 3000	36.7	66.7	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7	72.7
≥ 2500	38.7	70.7	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3
≥ 2000	39.3	74.0	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1800	39.3	74.0	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0
≥ 1500	40.0	74.7	80.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3
≥ 1200	40.7	76.7	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3
≥ 1000	40.7	78.0	85.3	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 900	40.7	78.0	85.3	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7
≥ 800	40.7	78.0	85.3	90.0	91.3	91.3	92.0	92.0	92.7	92.7	92.7	92.7	93.3	93.3	94.0	94.0
≥ 700	40.7	78.0	85.3	90.0	91.3	91.3	92.0	92.0	92.7	92.7	92.7	92.7	93.3	93.3	94.0	94.0
≥ 600	40.7	78.0	85.3	90.0	92.0	92.0	92.7	92.7	93.3	93.3	93.3	93.3	94.0	94.0	94.7	94.7
≥ 500	40.7	78.0	85.3	90.0	92.0	92.7	93.3	94.0	94.7	94.7	94.7	94.7	95.3	95.3	96.0	96.0
≥ 400	40.7	78.0	85.3	90.0	92.0	92.7	93.3	94.0	94.7	94.7	94.7	94.7	96.0	96.0	96.7	96.7
≥ 300	40.7	78.0	85.3	90.0	92.0	92.7	94.0	95.3	96.0	96.0	96.0	96.0	97.3	97.3	98.0	98.7
≥ 200	40.7	78.0	85.3	90.0	92.0	92.7	94.0	95.3	96.0	96.0	96.7	96.7	98.0	98.0	98.7	99.3
≥ 100	40.7	78.0	85.3	90.0	92.0	92.7	94.0	95.3	96.0	96.0	96.7	96.7	98.0	98.0	98.7	100.0
≥ 0	40.7	78.0	85.3	90.0	92.0	92.7	94.0	95.3	96.0	96.0	96.7	96.7	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.7	47.3	52.7	54.0	55.3	55.3	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	28.0	50.0	56.0	57.3	58.7	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	28.0	50.7	56.7	58.0	59.3	59.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	28.0	51.3	57.3	58.7	60.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	28.0	51.3	57.3	58.7	60.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	30.0	53.3	59.3	60.7	62.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	30.0	54.0	60.0	61.3	62.7	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	32.7	58.7	64.7	66.0	67.3	67.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	37.3	66.7	72.7	74.0	75.3	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	38.7	72.7	78.7	80.0	81.3	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	40.0	76.0	82.7	84.0	85.3	85.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	42.0	80.7	88.7	90.0	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	42.0	81.3	90.0	91.3	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	42.0	82.0	90.7	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	42.7	83.3	92.0	94.0	96.0	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	42.7	83.3	92.0	94.0	96.0	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH | 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.3	54.0	57.3	60.7	62.0	62.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	30.7	58.0	61.3	65.3	66.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	30.7	58.0	61.3	65.3	66.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	30.7	58.0	61.3	65.3	66.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	30.7	[illegible]	61.3	65.3	66.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	31.3	[illegible]	62.0	66.0	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	31.3	59.3	63.3	67.3	68.7	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	31.3	59.3	63.3	67.3	68.7	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	32.7	60.7	64.7	68.7	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	32.7	60.7	64.7	68.7	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	33.3	61.3	65.3	69.3	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	34.0	63.3	67.3	71.3	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	34.0	64.7	68.7	72.7	74.0	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	36.7	70.7	74.7	78.7	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	42.7	79.3	83.3	87.3	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	43.3	82.0	86.0	90.0	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	44.7	86.0	90.0	94.0	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	46.0	88.0	92.0	96.0	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	46.0	88.0	92.0	96.0	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	46.0	88.0	92.0	96.0	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	47.3	89.3	93.3	97.3	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

16 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	64.7	68.0	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	38.7	67.3	71.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	38.7	67.3	71.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	38.7	67.3	71.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	38.7	67.3	71.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	38.7	67.3	71.3	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	38.7	68.7	72.7	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	38.7	68.7	72.7	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	38.7	68.7	72.7	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	38.7	68.7	72.7	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	38.7	69.3	73.3	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	39.3	70.7	74.7	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	39.3	71.3	75.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	40.7	74.0	78.0	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	44.0	79.3	83.3	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	48.0	84.0	88.0	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	48.7	87.3	91.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	49.3	88.0	92.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	50.0	88.7	92.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	50.7	90.0	94.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	50.7	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.7	90.0	94.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	64.7	66.0	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	36.0	67.3	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	36.0	67.3	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	36.0	67.3	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	36.0	67.3	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	36.0	68.7	70.7	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	36.0	70.0	72.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	36.0	70.0	72.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	36.0	70.0	72.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	36.0	70.0	72.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	36.0	70.0	72.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	37.3	72.7	74.7	74.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	38.0	73.3	75.3	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	39.3	76.0	78.7	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	43.3	82.0	84.7	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	44.0	84.0	86.7	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	45.3	86.7	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	46.0	88.7	91.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	46.0	88.7	91.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	46.0	88.7	91.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	46.7	90.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	46.7	91.3	95.3	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	46.7	91.3	95.3	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	46.7	91.3	95.3	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.7	91.3	95.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH)

22 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	38.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	38.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	38.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	38.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	38.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	39.3	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	39.3	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	40.0	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	40.0	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	40.0	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	40.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	41.3	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	41.3	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	42.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	44.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	45.3	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	46.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	47.3	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	48.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	48.0	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	48.0	90.0	91.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	48.0	90.0	91.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	48.0	90.7	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	48.0	91.3	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	48.0	91.3	94.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	48.0	92.0	95.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	48.0	92.0	95.3	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.0	92.0	95.3	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.0	92.0	95.3	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.0	92.0	95.3	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.0	92.0	95.3	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) APR (MONTH) ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.0	56.7	59.2	60.5	61.3	61.3	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
≥ 20000	33.7	58.6	61.4	62.8	63.6	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥ 18000	33.7	58.6	61.4	62.8	63.6	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥ 16000	33.7	58.6	61.4	62.8	63.6	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥ 14000	33.7	58.7	61.5	62.9	63.7	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥ 12000	33.8	59.0	61.8	63.3	64.0	64.0	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7
≥ 10000	34.0	59.8	62.7	64.1	64.8	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5
≥ 9000	34.0	59.8	62.8	64.2	64.9	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6
≥ 8000	34.7	60.7	63.6	65.0	65.8	65.8	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
≥ 7000	34.9	61.2	64.1	65.5	66.3	66.3	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 6000	35.1	61.4	64.3	65.8	66.5	66.5	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2
≥ 5000	35.9	63.1	66.0	67.4	68.2	68.2	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 4500	36.2	63.7	66.6	68.0	68.8	68.8	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 4000	37.5	66.8	69.8	71.2	71.9	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6
≥ 3500	40.3	71.3	74.3	75.8	76.5	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2
≥ 3000	41.9	75.2	78.2	79.6	80.3	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0
≥ 2500	43.3	78.5	81.7	83.1	83.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5
≥ 2000	44.6	81.3	84.7	86.3	87.0	87.0	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7
≥ 1800	44.8	81.8	85.3	86.8	87.6	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3
≥ 1500	45.6	83.7	87.2	89.0	89.8	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7
≥ 1200	46.2	84.8	88.9	91.0	91.9	92.1	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 1000	46.2	86.2	90.4	92.8	94.3	94.5	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 900	46.2	86.3	90.6	93.1	94.5	94.8	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7
≥ 800	46.2	86.7	90.9	93.4	95.0	95.3	95.6	95.9	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.4
≥ 700	46.2	86.8	91.1	93.7	95.3	95.6	95.9	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.8	96.8
≥ 600	46.2	86.8	91.3	93.9	95.8	96.0	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 500	46.2	86.8	91.5	94.3	96.3	96.6	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	98.0	98.0
≥ 400	46.2	86.8	91.6	94.3	96.6	96.9	97.5	97.9	98.1	98.1	98.3	98.3	98.4	98.4	98.6	98.6
≥ 300	46.2	86.8	91.6	94.3	96.8	97.1	97.8	98.3	98.4	98.4	98.6	98.6	98.8	98.8	98.9	99.0
≥ 200	46.2	86.8	91.6	94.3	96.8	97.1	97.8	98.3	98.4	98.4	98.8	98.8	99.0	99.0	99.2	99.3
≥ 100	46.2	86.8	91.6	94.3	96.8	97.1	97.8	98.3	98.4	98.5	99.0	99.0	99.4	99.4	99.7	99.8
0	46.2	86.8	91.6	94.3	96.8	97.1	97.8	98.3	98.4	98.5	99.0	99.0	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	32.9	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	9.0	32.9	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2
≥ 18000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 16000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 14000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 12000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 10000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 9000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 8000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 7000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 6000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 5000	9.0	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4500	9.7	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4000	10.3	36.8	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1
≥ 3500	11.0	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6
≥ 3000	11.0	45.2	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2500	13.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000	13.6	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1800	13.6	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1500	13.6	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1200	13.6	70.3	70.3	70.3	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1000	13.6	76.8	77.4	77.4	80.0	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	13.6	78.1	78.7	78.7	81.9	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	13.6	78.7	79.4	79.4	82.6	82.6	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	13.6	80.0	80.7	81.3	84.5	84.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	13.6	82.6	83.9	84.5	87.7	87.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	13.6	82.6	83.9	85.8	89.0	89.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	13.6	83.2	84.5	86.5	89.7	90.3	92.9	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	13.6	83.2	84.5	86.5	90.3	91.0	93.6	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	13.6	83.2	84.5	86.5	90.3	91.0	93.6	94.2	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	13.6	83.2	84.5	86.5	90.3	91.0	94.2	94.8	94.8	95.5	97.4	97.4	97.4	97.4	97.4	98.7
0	13.6	83.2	84.5	86.5	90.3	91.0	94.2	94.8	94.8	95.5	97.4	97.4	97.4	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	27.1	27.1	27.1	27.1
≥ 20000	9.0	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.7	27.7	27.7	27.7
≥ 18000	9.0	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	28.4	28.4	28.4	28.4
≥ 16000	9.0	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	28.4	28.4	28.4	28.4
≥ 14000	9.0	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	28.4	28.4	28.4	28.4
≥ 12000	9.0	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	28.4	28.4	28.4	28.4
≥ 10000	9.7	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.3	30.3	30.3	30.3
≥ 9000	9.7	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.3	30.3	30.3	30.3
≥ 8000	9.7	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.3	30.3	30.3	30.3
≥ 7000	9.7	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.3	30.3	30.3	30.3
≥ 6000	9.7	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.3	30.3	30.3	30.3
≥ 5000	9.7	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	31.0	31.0	31.0	31.0
≥ 4500	9.7	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	31.0	31.0	31.0	31.0
≥ 4000	11.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	36.1	36.1	36.1	36.1
≥ 3500	11.6	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	38.1	38.1	38.1	38.1
≥ 3000	11.6	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	43.2	43.2	43.2	43.2
≥ 2500	12.3	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.5	46.5	46.5	46.5
≥ 2000	12.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.9	52.9	52.9	52.9
≥ 1800	12.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	54.2	54.2	54.2	54.2
≥ 1500	12.3	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	63.2	63.2	63.2	63.2
≥ 1200	12.3	65.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.7	67.7	67.7	67.7
≥ 1000	12.3	71.6	72.3	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	76.1	76.1	76.1	76.1
≥ 900	12.3	72.9	73.6	73.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	78.1	78.1	78.1	78.1
≥ 800	12.3	72.9	73.6	74.2	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	79.4	79.4	79.4	79.4
≥ 700	12.3	76.1	76.8	78.1	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	84.5	84.5	84.5	84.5
≥ 600	12.3	78.1	80.0	81.3	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	88.4	88.4	88.4	88.4
≥ 500	12.3	78.1	80.0	82.6	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	91.0	91.0	91.0	91.0
≥ 400	12.3	78.1	80.7	83.2	89.0	89.7	91.6	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 300	12.3	78.1	80.7	83.2	89.0	89.7	91.6	91.6	91.6	91.6	91.6	91.6	93.6	93.6	93.6	93.6
≥ 200	12.3	78.1	80.7	83.2	89.0	89.7	91.6	92.3	92.3	93.6	93.6	93.6	95.5	95.5	95.5	96.1
≥ 100	12.3	78.1	80.7	83.2	89.0	89.7	91.6	92.3	92.3	94.2	94.2	94.2	96.1	96.1	97.4	98.7
0	12.3	78.1	80.7	83.2	89.0	89.7	91.6	92.3	92.3	94.2	94.2	94.2	96.1	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	18.7	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000	9.0	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000	9.0	20.0	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 16000	9.0	20.0	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000	9.0	20.0	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 12000	9.0	20.0	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 10000	9.7	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 9000	9.7	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 8000	9.7	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 7000	9.7	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 6000	9.7	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 5000	10.3	23.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4500	10.3	23.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4000	11.6	27.1	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	11.6	28.4	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 3000	11.6	32.3	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 2500	12.9	36.8	39.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2000	13.6	43.2	45.8	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 1800	13.6	45.2	47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1500	13.6	51.6	54.8	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1200	13.6	51.6	55.5	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1000	14.2	56.8	63.9	70.3	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 900	14.2	57.4	64.5	71.6	74.2	77.4	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 800	14.2	58.1	65.2	72.3	75.5	79.4	80.7	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 700	14.2	58.1	65.2	72.9	76.1	80.0	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 600	14.2	58.7	65.8	74.8	78.1	82.6	85.2	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	14.2	58.7	66.5	75.5	78.7	83.9	86.5	88.4	88.4	89.7	90.3	90.3	90.3	90.3	90.3	91.0
≥ 400	14.2	58.7	66.5	75.5	80.0	85.2	87.7	90.3	90.3	91.6	92.9	92.9	93.6	93.6	93.6	94.8
≥ 300	14.2	58.7	66.5	75.5	80.0	85.2	88.4	91.0	91.0	93.6	94.8	94.8	95.5	95.5	95.5	96.8
≥ 200	14.2	58.7	66.5	75.5	80.0	85.2	88.4	91.0	91.0	93.6	95.5	95.5	96.8	96.8	96.8	98.7
≥ 100	14.2	58.7	66.5	75.5	80.0	85.2	88.4	91.0	91.0	93.6	95.5	95.5	97.4	97.4	97.4	100.0
0	14.2	58.7	66.5	75.5	80.0	85.2	88.4	91.0	91.0	93.6	95.5	95.5	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

10 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.3	29.0	35.5	40.7	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000	10.3	30.3	36.8	41.9	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 5000	11.0	33.6	40.0	45.2	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500	11.0	34.2	40.7	45.8	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4000	12.3	37.4	43.9	49.0	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3500	12.3	40.7	47.1	52.3	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3000	12.3	44.5	51.6	56.8	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2500	15.5	54.8	62.6	68.4	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	15.5	61.3	70.3	76.8	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	15.5	61.9	71.0	77.4	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	16.8	65.2	75.5	83.9	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	16.8	67.1	78.7	87.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	16.8	67.7	80.0	90.3	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	16.8	67.7	80.0	91.0	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	16.8	67.7	80.0	91.0	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	16.8	67.7	80.0	91.0	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.5	43.2	52.3	57.4	59.4	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	16.1	45.2	54.2	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	16.1	45.2	54.2	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	16.1	45.2	54.2	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	16.1	45.2	54.2	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	16.1	45.2	54.2	59.4	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	16.8	45.8	54.8	60.0	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	16.8	45.8	54.8	60.0	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	16.8	45.8	54.8	60.0	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	16.8	45.8	54.8	60.0	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	16.8	45.8	54.8	60.0	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	16.8	46.5	55.5	60.7	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	16.8	46.5	55.5	60.7	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	17.4	52.3	61.3	66.5	68.4	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	17.4	55.5	64.5	69.7	71.6	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	18.7	61.9	71.6	76.8	78.7	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	21.3	69.7	79.4	84.5	86.5	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	21.9	72.9	82.6	87.7	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	21.9	72.9	82.6	87.7	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	23.2	77.4	87.1	92.9	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	23.2	78.1	87.7	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	23.2	78.1	87.7	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	23.2	78.1	87.7	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	23.2	78.1	87.7	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	23.2	78.1	87.7	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	23.2	78.7	88.4	94.2	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

16 (HOURS (L S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	52.3	58.7	61.3	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	17.4	55.5	62.6	65.8	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	17.4	55.5	62.6	65.8	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	17.4	55.5	62.6	65.8	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	17.4	55.5	62.6	65.8	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	17.4	56.1	63.2	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	18.7	57.4	65.2	68.4	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	18.7	57.4	65.2	68.4	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	18.7	58.1	65.8	69.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	18.7	58.1	65.8	69.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	18.7	58.1	65.8	69.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	18.7	58.7	66.5	69.7	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	18.7	59.4	67.1	70.3	72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	18.7	60.0	67.7	71.0	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	18.7	63.2	71.0	74.2	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	20.0	68.4	76.1	79.4	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	23.2	75.5	83.2	86.5	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	24.5	78.7	86.5	89.7	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	24.5	80.0	87.7	91.0	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	25.8	83.2	91.0	94.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	26.5	84.5	92.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	26.5	85.2	92.9	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	47.1	51.6	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	16.1	52.3	56.8	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	16.1	52.3	56.8	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	16.1	52.3	56.8	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	16.1	52.3	56.8	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	17.4	53.6	58.1	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	17.4	53.6	58.1	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	17.4	53.6	58.1	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	18.1	54.2	58.7	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	18.1	54.2	58.7	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	18.1	54.2	58.7	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	18.1	54.8	59.4	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	18.1	54.8	59.4	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	18.1	59.4	64.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	18.7	62.6	67.7	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	20.0	65.8	71.0	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	21.3	69.0	74.2	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	21.3	73.6	78.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	21.3	75.5	80.7	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	21.3	78.7	85.2	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	21.9	81.3	87.7	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	21.9	83.2	89.7	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	21.9	83.2	89.7	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	21.9	83.9	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	21.9	83.9	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	21.9	84.5	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

22 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.3	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	10.3	43.9	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	10.3	44.5	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	10.3	44.5	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	10.3	44.5	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	10.3	44.5	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000	11.0	45.8	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	11.0	45.8	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	11.6	46.5	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	11.6	46.5	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 6000	11.6	46.5	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 5000	11.6	46.5	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	12.3	47.1	48.4	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4000	12.3	49.0	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3500	12.3	52.3	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3000	13.6	53.6	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2500	14.2	57.4	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	14.8	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	14.8	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	15.5	74.2	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	15.5	77.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	15.5	81.9	84.5	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	15.5	84.5	87.1	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	15.5	87.1	89.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	15.5	87.7	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	15.5	89.0	92.9	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	15.5	89.0	92.9	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	15.5	89.0	92.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	15.5	89.0	92.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	15.5	89.0	92.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	15.5	89.0	92.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	15.5	89.0	92.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.7	36.4	40.1	42.3	43.8	44.1	44.4	44.4	44.4	44.4	44.5	44.5	44.7	44.7	44.7	44.7
≥ 20000	12.2	38.2	41.9	44.3	45.7	46.1	46.4	46.4	46.4	46.4	46.5	46.5	46.6	46.6	46.6	46.6
≥ 18000	12.2	38.6	42.3	44.7	46.1	46.5	46.8	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0
≥ 16000	12.2	38.6	42.3	44.7	46.1	46.5	46.8	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0
≥ 14000	12.2	38.6	42.3	44.7	46.1	46.5	46.8	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0
≥ 12000	12.3	38.8	42.6	44.9	46.4	46.7	47.0	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3
≥ 10000	12.8	39.7	43.6	45.9	47.3	47.7	48.0	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.2
≥ 9000	12.8	39.7	43.6	45.9	47.3	47.7	48.0	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.2
≥ 8000	13.0	39.9	43.8	46.1	47.6	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.5	48.5	48.5	48.5
≥ 7000	13.0	39.9	43.8	46.1	47.6	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.5	48.5	48.5	48.5
≥ 6000	13.0	39.9	43.8	46.1	47.6	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.5	48.5	48.5	48.5
≥ 5000	13.2	40.8	44.8	47.1	48.6	48.9	49.2	49.2	49.2	49.2	49.3	49.3	49.4	49.4	49.4	49.4
≥ 4500	13.3	41.1	45.1	47.4	48.9	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.8	49.8	49.8	49.8
≥ 4000	14.0	44.5	48.6	51.0	52.4	52.7	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3
≥ 3500	14.2	47.5	51.6	54.0	55.4	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3
≥ 3000	14.8	51.6	55.9	58.3	59.8	60.1	60.4	60.4	60.4	60.4	60.5	60.5	60.7	60.7	60.7	60.7
≥ 2500	16.8	57.4	61.9	64.4	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
≥ 2000	17.2	62.9	67.5	70.2	71.8	72.1	72.4	72.4	72.4	72.4	72.5	72.5	72.7	72.7	72.7	72.7
≥ 1800	17.2	64.0	68.6	71.3	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 1500	17.7	69.4	74.4	77.7	79.6	79.9	80.2	80.2	80.2	80.2	80.3	80.3	80.5	80.5	80.5	80.5
≥ 1200	17.9	71.9	77.2	80.6	82.5	83.0	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6
≥ 1000	18.0	75.2	81.1	85.2	88.0	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 900	18.0	75.9	81.8	86.2	89.1	89.9	90.5	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9
≥ 800	18.0	76.5	82.3	86.9	89.9	90.8	91.6	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 700	18.0	77.1	83.0	87.9	91.1	92.0	93.0	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 600	18.0	78.1	84.4	89.6	92.9	94.0	95.1	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
≥ 500	18.0	78.1	84.4	90.1	93.5	94.6	95.8	96.1	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.6
≥ 400	18.0	78.2	84.6	90.2	94.0	95.2	96.5	96.9	96.9	97.0	97.3	97.3	97.6	97.6	97.6	97.7
≥ 300	18.0	78.2	84.6	90.2	94.0	95.2	96.7	97.0	97.0	97.3	97.7	97.7	98.0	98.0	98.0	98.2
≥ 200	18.0	78.2	84.6	90.2	94.0	95.2	96.7	97.2	97.2	97.7	98.2	98.2	98.6	98.6	98.6	98.9
≥ 100	18.0	78.2	84.6	90.2	94.0	95.2	96.8	97.3	97.3	97.9	98.4	98.4	98.9	98.9	99.0	99.7
≥ 0	18.0	78.2	84.6	90.2	94.0	95.2	96.8	97.3	97.3	97.9	98.4	98.4	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.3	38.7	38.7	39.3	39.3	39.3	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	13.3	39.3	39.3	40.0	40.0	40.0	41.3	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 10000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 9000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4000	13.3	40.0	40.0	40.7	40.7	40.7	42.0	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 3500	13.3	41.3	41.3	42.0	42.0	42.0	43.3	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3000	13.3	42.7	42.7	43.3	43.3	43.3	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 2500	14.0	45.3	45.3	46.0	46.0	46.0	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 2000	14.0	46.7	46.7	47.3	47.3	47.3	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 1800	14.0	48.0	48.0	48.7	48.7	48.7	50.0	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1500	15.3	52.7	53.3	54.0	54.0	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1200	16.7	60.0	60.7	62.7	62.7	62.7	64.0	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1000	18.0	71.3	72.0	74.0	74.0	74.0	75.3	75.3	75.3	76.0	76.0	76.0	76.7	76.7	76.7	76.7
≥ 900	18.0	75.3	76.7	79.3	79.3	79.3	80.7	80.7	80.7	81.3	81.3	81.3	82.0	82.0	82.0	82.0
≥ 800	18.0	78.7	80.0	82.7	83.3	83.3	84.7	84.7	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 700	18.0	80.7	83.3	86.7	88.7	88.7	90.0	90.7	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 600	18.0	80.7	84.0	89.3	91.3	91.3	92.7	93.3	93.3	94.0	94.0	94.0	94.7	94.7	94.7	94.7
≥ 500	18.0	80.7	84.0	89.3	91.3	91.3	92.7	93.3	93.3	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 400	18.0	80.7	84.0	89.3	92.0	92.0	93.3	94.0	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0
≥ 300	18.0	80.7	84.0	89.3	92.0	92.0	93.3	94.0	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0
≥ 200	18.0	80.7	84.0	89.3	92.0	92.0	93.3	94.0	94.0	96.7	96.7	96.7	98.0	98.0	98.0	98.0
≥ 100	18.0	80.7	84.0	89.3	92.0	92.0	93.3	94.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7	98.7
0	18.0	80.7	84.0	89.3	92.0	92.0	93.3	94.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 20000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 18000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 16000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 12000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 10000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 9000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 8000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 7000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 6000	7.3	26.0	26.0	26.0	26.0	26.0	26.0	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 5000	7.3	26.7	26.7	26.7	26.7	26.7	26.7	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4500	7.3	26.7	26.7	26.7	26.7	26.7	26.7	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4000	7.3	26.7	26.7	26.7	26.7	26.7	26.7	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3500	8.0	28.0	28.0	28.0	28.0	28.0	28.0	29.3	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3000	8.7	30.7	30.7	30.7	30.7	30.7	30.7	32.0	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 2500	9.3	31.3	31.3	31.3	31.3	31.3	31.3	32.7	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 2000	10.0	36.7	36.7	36.7	36.7	36.7	36.7	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 1800	10.7	38.0	38.0	38.0	38.0	38.0	38.0	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1500	11.3	40.0	40.0	41.3	41.3	41.3	41.3	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 1200	12.7	46.7	46.7	48.0	48.0	48.0	48.0	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1000	13.3	57.3	58.0	59.3	59.3	59.3	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 900	13.3	63.3	64.0	65.3	65.3	65.3	65.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 800	13.3	65.3	67.3	69.3	71.3	71.3	71.3	72.7	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 700	13.3	68.0	71.3	74.7	77.3	77.3	77.3	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	13.3	70.7	75.3	78.7	82.0	82.0	82.0	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7
≥ 500	13.3	70.7	75.3	79.3	84.0	84.0	84.0	85.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 400	13.3	70.7	76.0	80.0	85.3	86.0	87.3	89.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 300	13.3	70.7	76.0	80.0	85.3	86.0	87.3	89.3	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 200	13.3	70.7	76.0	80.0	85.3	86.7	88.0	90.0	90.0	92.7	93.3	93.3	94.0	94.0	94.0	95.3
≥ 100	13.3	70.7	76.0	80.0	85.3	86.7	88.0	90.7	90.7	93.3	94.0	94.0	94.7	94.7	95.3	97.3
0	13.3	70.7	76.0	80.0	85.3	86.7	88.0	90.7	90.7	93.3	94.0	94.0	94.7	94.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.0	23.3	24.0	24.0	25.3	26.0	26.0	26.0	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	8.0	23.3	24.0	24.0	25.3	26.0	26.0	26.0	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 18000	8.0	23.3	24.0	24.0	25.3	26.0	26.0	26.0	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 16000	8.0	23.3	24.0	24.0	25.3	26.0	26.0	26.0	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 14000	8.0	23.3	24.7	24.7	26.0	26.7	26.7	26.7	26.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 12000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 10000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 9000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 8000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 7000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 6000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 5000	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 4500	8.0	24.7	26.0	26.0	27.3	28.0	28.0	28.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 4000	8.7	25.3	26.7	26.7	28.0	28.7	28.7	28.7	28.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3500	9.3	26.0	27.3	27.3	28.7	29.3	29.3	29.3	29.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 3000	9.3	26.7	28.0	28.0	29.3	30.0	30.0	30.0	30.0	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 2500	10.0	28.7	30.0	30.0	31.3	32.0	32.0	32.0	32.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 2000	11.3	31.3	33.3	33.3	35.3	36.0	36.0	36.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1800	11.3	32.0	34.0	34.0	36.0	36.7	36.7	36.7	36.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 1500	11.3	34.7	39.3	42.7	45.3	46.0	46.0	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1200	11.3	39.3	45.3	50.7	54.0	54.7	55.3	55.3	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1000	11.3	41.3	50.7	58.7	66.0	68.0	68.7	68.7	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 900	11.3	41.3	51.3	60.7	69.3	72.0	74.0	74.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 800	11.3	41.3	51.3	61.3	73.3	76.7	79.3	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	11.3	41.3	51.3	61.3	74.0	78.0	82.0	82.7	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 600	11.3	41.3	52.0	62.0	74.7	78.7	84.0	86.0	86.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500	11.3	41.3	52.0	62.0	75.3	80.0	87.3	89.3	90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	11.3	41.3	52.0	62.0	75.3	80.0	87.3	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	11.3	41.3	52.0	62.0	76.0	81.3	88.7	92.0	93.3	96.7	98.0	98.0	98.0	98.0	98.0	98.7
≥ 200	11.3	41.3	52.0	62.0	76.0	81.3	88.7	92.0	93.3	97.3	98.7	98.7	99.3	99.3	99.3	100.0
≥ 100	11.3	41.3	52.0	62.0	76.0	81.3	88.7	92.0	93.3	97.3	98.7	98.7	99.3	99.3	99.3	100.0
0	11.3	41.3	52.0	62.0	76.0	81.3	88.7	92.0	93.3	97.3	98.7	98.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

10 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.7	39.3	50.0	57.3	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	6.7	40.0	50.7	58.0	62.7	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	6.7	40.0	50.7	58.0	62.7	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	6.7	40.0	50.7	58.0	62.7	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	6.7	40.7	51.3	59.3	64.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	6.7	40.7	51.3	59.3	64.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	6.7	41.3	52.0	60.0	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	6.7	41.3	52.0	60.0	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	6.7	41.3	52.0	60.0	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	6.7	41.3	52.0	60.0	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	6.7	41.3	52.0	60.0	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	7.3	42.0	52.7	60.7	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	7.3	42.0	52.7	60.7	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	8.0	42.7	53.3	61.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	8.7	44.0	55.3	63.3	68.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	10.0	45.3	56.7	64.7	69.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2500	10.7	47.3	58.7	66.7	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2000	12.0	50.0	62.0	70.7	77.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	12.0	51.3	64.0	72.7	79.3	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	12.7	55.3	70.0	79.3	86.7	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	12.7	56.7	72.0	81.3	90.0	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	12.7	57.3	74.0	84.7	93.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.7	57.3	74.0	85.3	94.0	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

13 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.0	57.3	64.7	73.3	76.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	14.7	60.7	68.7	78.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	14.7	60.7	68.7	78.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	14.7	60.7	68.7	78.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	14.7	60.7	68.7	78.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	14.7	61.3	69.3	78.7	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	14.7	61.3	69.3	78.7	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	14.7	61.3	69.3	78.7	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	14.7	62.0	70.0	79.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	14.7	62.0	70.0	79.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	14.7	62.0	70.0	79.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	15.3	62.7	70.7	80.0	84.0	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	15.3	62.7	70.7	80.0	84.0	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	17.3	65.3	73.3	82.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	18.7	68.0	76.0	85.3	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	18.7	70.0	78.0	87.3	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	18.7	70.7	78.7	88.0	92.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	18.7	70.7	80.0	89.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	19.3	71.3	80.7	90.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	20.7	74.0	83.3	92.7	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	20.7	74.0	84.0	93.3	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	20.7	74.7	85.3	94.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

16 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	67.3	78.7	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	23.3	71.3	82.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	23.3	71.3	82.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	23.3	71.3	82.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 14000	23.3	71.3	82.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	23.3	72.0	83.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	23.3	72.0	83.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	23.3	72.0	83.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	23.3	72.7	84.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	23.3	72.7	84.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	23.3	72.7	84.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	23.3	73.3	84.7	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	23.3	73.3	84.7	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	25.3	75.3	86.7	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	25.3	76.7	88.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	25.3	77.3	88.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	26.0	78.0	89.3	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	26.7	79.3	91.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	26.7	79.3	91.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	26.7	80.7	92.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	26.7	81.3	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	26.7	81.3	94.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	70.0	72.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	20.7	72.0	76.0	78.0	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	20.7	72.0	76.0	78.0	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	20.7	72.0	76.0	78.0	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	20.7	72.0	76.0	78.0	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	20.7	72.7	76.7	78.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	21.3	74.0	78.0	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	21.3	74.7	78.7	80.7	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	21.3	76.7	80.7	82.7	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	22.0	77.3	81.3	83.3	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	22.0	78.0	82.7	84.7	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	23.3	80.0	86.7	88.7	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	23.3	80.7	87.3	89.3	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	24.0	85.3	94.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	24.0	85.3	94.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.0	85.3	94.0	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

22 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.7	52.7	53.3	54.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	18.7	54.0	54.7	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
< 20000 ≥ 18000	18.7	54.0	54.7	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
< 18000 ≥ 16000	18.7	54.0	54.7	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
< 16000 ≥ 14000	18.7	54.7	55.3	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
< 14000 ≥ 12000	18.7	54.7	55.3	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
< 12000 ≥ 10000	18.7	54.7	55.3	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
< 10000 ≥ 9000	18.7	54.7	55.3	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
< 9000 ≥ 8000	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 8000 ≥ 7000	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 7000 ≥ 6000	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 6000 ≥ 5000	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 5000 ≥ 4500	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 4500 ≥ 4000	18.7	55.3	56.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 4000 ≥ 3500	20.0	58.0	59.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
< 3500 ≥ 3000	20.0	58.7	60.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
< 3000 ≥ 2500	20.0	60.7	62.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
< 2500 ≥ 2000	20.0	61.3	62.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
< 2000 ≥ 1800	20.7	62.0	63.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
< 1800 ≥ 1500	22.7	66.7	68.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
< 1500 ≥ 1200	22.7	72.7	74.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
< 1200 ≥ 1000	23.3	81.3	84.0	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
< 1000 ≥ 900	23.3	86.0	88.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
< 900 ≥ 800	23.3	87.3	90.0	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
< 800 ≥ 700	23.3	88.0	91.3	95.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
< 700 ≥ 600	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 600 ≥ 500	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0	23.3	88.7	92.0	96.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.8	46.8	51.0	53.9	55.5	55.8	56.3	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	14.1	48.3	52.8	55.9	57.7	58.0	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	14.1	48.4	52.8	56.1	57.8	58.2	58.7	58.8	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	14.1	48.4	52.8	56.1	57.8	58.2	58.7	58.8	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	14.1	48.6	53.1	56.4	58.2	58.5	59.0	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	14.1	49.0	53.5	56.8	58.6	58.9	59.4	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	14.2	49.3	53.8	57.1	58.8	59.2	59.7	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	14.2	49.3	53.8	57.1	58.8	59.2	59.7	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	14.2	49.5	54.0	57.3	59.1	59.4	59.9	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 7000	14.2	49.5	54.0	57.3	59.1	59.4	59.9	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 6000	14.2	49.5	54.0	57.3	59.1	59.4	59.9	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 5000	14.3	49.8	54.3	57.7	59.4	59.8	60.3	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	14.3	49.8	54.3	57.7	59.4	59.8	60.3	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4000	15.0	50.7	55.2	58.5	60.3	60.6	61.1	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3500	15.6	52.3	57.0	60.3	62.1	62.4	62.9	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3000	15.9	53.6	58.3	61.6	63.3	63.7	64.2	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2500	16.3	55.0	59.8	63.1	64.8	65.2	65.7	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2000	17.0	57.0	62.4	65.8	67.9	68.3	68.8	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1800	17.3	57.8	63.3	66.8	68.8	69.2	69.8	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	18.1	61.2	67.6	71.8	74.1	74.4	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1200	18.4	64.5	71.3	76.0	78.5	79.0	79.8	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	18.8	68.8	76.5	81.8	84.8	85.6	86.3	86.6	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 900	18.8	70.6	78.5	84.2	87.3	88.2	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	18.8	71.4	79.5	85.3	89.3	90.2	91.3	91.6	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 700	18.8	72.1	80.6	86.8	91.2	92.2	93.4	93.8	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 600	18.8	72.5	81.3	87.8	92.3	93.3	94.8	95.3	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 500	18.8	72.5	81.3	87.9	92.7	93.8	95.4	96.0	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	18.8	72.5	81.4	88.0	92.9	94.1	95.9	96.8	96.9	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300	18.8	72.5	81.4	88.0	93.0	94.3	96.1	96.9	97.1	97.9	98.2	98.2	98.3	98.3	98.3	98.3
≥ 200	18.8	72.5	81.4	88.0	93.0	94.3	96.2	97.0	97.2	98.3	98.6	98.6	98.9	98.9	98.9	99.2
≥ 100	18.8	72.5	81.4	88.0	93.0	94.3	96.2	97.1	97.3	98.5	98.8	98.8	99.1	99.1	99.2	99.5
0	18.8	72.5	81.4	88.0	93.0	94.3	96.2	97.1	97.3	98.5	98.8	98.8	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH) 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	40.7	41.3	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	4.5	40.7	41.3	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	4.5	40.7	41.3	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	4.5	40.7	41.3	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000	4.5	41.3	41.9	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	4.5	41.3	41.9	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	4.5	44.5	45.2	46.5	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000	4.5	44.5	45.2	46.5	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4000	4.5	45.2	45.8	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 3500	4.5	45.8	46.5	47.7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 3000	4.5	45.8	46.5	47.7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2500	4.5	45.8	46.5	47.7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	4.5	47.1	47.7	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 1800	4.5	48.4	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1500	5.2	54.8	55.5	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1200	6.5	69.0	69.7	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	7.1	80.0	80.7	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	7.7	83.9	84.5	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	7.7	85.8	86.5	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	7.7	88.4	89.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	7.7	89.0	91.0	94.8	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	7.7	89.0	91.0	95.5	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	7.7	89.0	91.0	95.5	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	7.7	89.0	91.6	96.1	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	89.0	91.6	96.1	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	89.0	91.6	96.1	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	89.0	91.6	96.1	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.2	27.7	29.7	29.7	29.7	29.7	29.7	31.0	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6
≥ 20000	3.2	28.4	30.3	30.3	30.3	30.3	30.3	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3	32.3
≥ 18000	3.2	28.4	30.3	30.3	30.3	30.3	30.3	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3	32.3
≥ 16000	3.2	28.4	30.3	30.3	30.3	30.3	30.3	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3	32.3
≥ 14000	3.2	28.4	30.3	30.3	30.3	30.3	30.3	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3	32.3
≥ 12000	3.2	29.0	31.0	31.0	31.0	31.0	31.0	32.3	32.3	32.3	32.3	32.3	32.9	32.9	32.9	32.9
≥ 10000	3.2	29.7	31.6	32.3	32.3	32.3	32.3	33.6	33.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2
≥ 9000	3.2	29.7	31.6	32.3	32.3	32.3	32.3	33.6	33.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2
≥ 8000	3.2	31.0	32.9	33.6	33.6	33.6	33.6	34.8	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5
≥ 7000	3.2	31.6	33.6	34.2	34.2	34.2	34.2	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1
≥ 6000	3.2	31.6	33.6	34.2	34.2	34.2	34.2	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1
≥ 5000	3.2	31.6	33.6	34.2	34.2	34.2	34.2	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1
≥ 4500	3.2	31.6	33.6	34.2	34.2	34.2	34.2	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1
≥ 4000	3.2	31.6	33.6	34.2	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.8	36.8	36.8	36.8
≥ 3500	3.2	31.6	33.6	34.2	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.8	36.8	36.8	36.8
≥ 3000	3.2	31.6	33.6	34.2	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.8	36.8	36.8	36.8
≥ 2500	3.2	31.6	33.6	34.2	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.8	36.8	36.8	36.8
≥ 2000	3.2	33.6	35.5	36.1	36.8	36.8	36.8	38.1	38.1	38.1	38.1	38.1	38.7	38.7	38.7	38.7
≥ 1800	3.2	33.6	35.5	36.1	36.8	36.8	36.8	38.1	38.1	38.1	38.1	38.1	38.7	38.7	38.7	38.7
≥ 1500	4.5	41.3	43.2	43.9	44.5	44.5	44.5	45.8	45.8	45.8	45.8	45.8	46.5	46.5	46.5	46.5
≥ 1200	5.2	51.0	54.2	54.8	55.5	55.5	55.5	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4
≥ 1000	5.2	61.3	65.8	67.7	69.0	69.0	69.0	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0
≥ 900	5.2	66.5	71.0	72.9	74.8	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 800	5.2	71.0	75.5	77.4	79.4	80.0	80.0	81.3	81.3	81.9	81.9	81.9	83.2	83.2	83.2	83.2
≥ 700	5.2	72.9	77.4	80.0	83.2	83.9	83.9	85.2	85.2	85.8	85.8	85.8	87.1	87.1	87.1	87.1
≥ 600	5.2	75.5	81.3	84.5	88.4	89.0	89.0	90.3	90.3	91.0	91.0	91.0	92.3	92.3	92.3	92.3
≥ 500	5.2	76.8	83.9	87.1	91.0	91.6	91.6	92.9	92.9	93.6	93.6	93.6	94.8	94.8	94.8	94.8
≥ 400	5.2	77.4	84.5	88.4	92.9	93.6	93.6	94.8	94.8	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 300	5.2	77.4	84.5	88.4	92.9	93.6	93.6	94.8	94.8	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 200	5.2	77.4	84.5	88.4	92.9	93.6	94.2	95.5	95.5	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 100	5.2	77.4	84.5	88.4	92.9	93.6	94.2	95.5	95.5	97.4	98.1	98.1	99.4	99.4	99.4	100.0
≥ 0	5.2	77.4	84.5	88.4	92.9	93.6	94.2	95.5	95.5	97.4	98.1	98.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	.7	20.0	23.2	25.8	27.7	27.7	28.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000	.7	20.7	23.9	26.5	28.4	28.4	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 18000	.7	20.7	23.9	26.5	28.4	28.4	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 16000	.7	20.7	23.9	26.5	28.4	28.4	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 14000	.7	21.3	24.5	27.1	29.0	29.0	29.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 12000	.7	21.3	24.5	27.1	29.0	29.0	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 10000	1.3	22.6	25.8	29.0	31.0	31.0	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 9000	1.3	22.6	25.8	29.0	31.0	31.0	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 8000	1.3	23.2	27.1	30.3	32.3	32.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	1.3	23.2	27.1	30.3	32.3	32.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 6000	1.3	23.2	27.1	30.3	32.3	32.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 5000	1.3	23.2	27.1	30.3	32.3	32.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 4500	1.3	23.2	27.1	30.3	32.3	32.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 4000	1.3	23.9	27.7	31.0	32.9	32.9	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3500	1.3	23.9	27.7	31.0	32.9	32.9	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	1.3	23.9	27.7	31.0	32.9	32.9	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 2500	1.9	25.2	29.0	32.3	34.2	34.2	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 2000	1.9	26.5	30.3	34.2	36.1	36.1	37.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 1800	1.9	27.1	31.0	34.8	36.8	36.8	38.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 1500	1.9	36.8	41.9	46.5	48.4	48.4	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1200	1.9	43.2	51.6	59.4	62.6	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	1.9	46.5	59.4	69.7	75.5	77.4	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 900	1.9	47.7	60.7	72.3	79.4	81.3	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5
≥ 800	1.9	48.4	61.9	73.6	81.9	85.2	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 700	1.9	48.4	61.9	74.2	83.2	86.5	88.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 600	1.9	48.4	61.9	74.2	83.9	87.7	90.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 500	1.9	48.4	61.9	74.2	83.9	87.7	90.3	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.8
≥ 400	1.9	48.4	61.9	74.2	83.9	88.4	91.0	93.6	93.6	95.5	96.8	96.8	96.8	96.8	96.8	97.4
≥ 300	1.9	48.4	61.9	74.2	83.9	88.4	91.0	93.6	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.7
≥ 200	1.9	48.4	61.9	74.2	84.5	89.0	91.6	94.2	94.2	97.4	98.7	98.7	98.7	98.7	98.7	100.0
≥ 100	1.9	48.4	61.9	74.2	84.5	89.0	91.6	94.2	94.2	97.4	98.7	98.7	98.7	98.7	98.7	100.0
≥ 0	1.9	48.4	61.9	74.2	84.5	89.0	91.6	94.2	94.2	97.4	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

10 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.8	51.0	60.0	72.3	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	5.8	53.6	63.2	75.5	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	5.8	53.6	63.2	75.5	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	5.8	53.6	63.2	75.5	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	5.8	54.8	64.5	76.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	5.8	56.1	65.8	78.1	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	5.8	57.4	67.7	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	5.8	57.4	67.7	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	5.8	58.1	69.0	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	5.8	58.1	69.0	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	5.8	58.7	69.7	82.6	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	5.8	58.7	70.3	83.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	5.8	58.7	70.3	83.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	5.8	58.7	70.3	83.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	5.8	59.4	71.0	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	5.8	59.4	71.0	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	5.8	60.0	71.6	84.5	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	5.8	61.3	73.6	87.1	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	5.8	62.6	74.8	89.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	5.8	63.2	76.1	90.3	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	5.8	64.5	78.1	92.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	5.8	64.5	78.7	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	5.8	64.5	78.7	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	5.8	64.5	78.7	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	5.8	64.5	78.7	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.8	64.5	78.7	94.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.6	69.0	80.0	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000	12.3	72.3	83.2	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	12.3	72.3	83.2	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 16000	12.3	72.9	83.9	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 14000	12.3	72.9	83.9	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	12.3	74.2	85.2	91.6	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	12.3	76.1	87.7	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	12.3	76.1	87.7	94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	12.3	77.4	89.0	95.5	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	12.3	77.4	89.0	95.5	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	12.3	77.4	89.0	95.5	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	12.3	77.4	89.0	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	12.3	78.1	89.7	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	12.3	78.7	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	12.3	78.7	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	12.3	78.7	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	12.3	78.7	90.3	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	12.3	78.7	91.0	97.4	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	77.4	81.3	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000	18.1	79.4	83.2	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 18000	18.1	79.4	83.2	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 16000	18.1	79.4	83.2	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	18.7	81.3	85.2	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	18.7	83.2	87.1	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 10000	18.7	85.2	89.0	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	18.7	85.2	89.0	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	18.7	86.5	90.3	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	18.7	86.5	90.3	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	18.7	86.5	90.3	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	18.7	87.1	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	18.7	87.1	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	18.7	87.1	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	18.7	87.1	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	18.7	87.1	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	18.7	87.7	92.3	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	18.7	87.7	92.3	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	18.7	87.7	92.3	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	18.7	87.7	92.3	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.7	88.4	92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.5	76.8	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	15.5	79.4	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	15.5	79.4	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	15.5	79.4	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	16.1	80.0	83.9	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	16.1	80.7	84.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	16.1	83.9	87.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	16.1	83.9	87.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	16.8	86.5	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	16.8	86.5	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	16.8	86.5	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	16.8	87.1	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	16.8	87.1	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	16.8	87.1	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	16.8	87.1	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	16.8	87.1	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	16.8	87.7	91.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	16.8	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	16.8	90.3	94.2	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	16.8	91.6	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.3	62.6	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	12.3	63.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	12.3	63.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	12.3	63.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	12.9	64.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	12.9	65.8	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	12.9	68.4	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	12.9	68.4	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	12.9	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2000	14.2	70.3	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1800	14.2	71.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	14.8	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	15.5	85.2	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	16.1	93.6	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	16.1	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	16.1	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	16.1	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.9	53.2	57.6	61.3	62.3	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 20000	9.0	54.8	59.3	63.0	64.0	64.4	64.6	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0
≥ 18000	9.0	54.8	59.3	63.0	64.0	64.4	64.6	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0
≥ 16000	9.0	54.8	59.4	63.1	64.1	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 14000	9.3	55.6	60.1	63.8	64.8	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 12000	9.3	56.5	61.0	64.9	66.0	66.3	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 10000	9.4	58.5	63.2	67.3	68.4	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	9.4	58.5	63.2	67.3	68.4	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	9.4	59.6	64.4	68.6	69.7	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	9.4	59.7	64.5	68.7	69.8	70.1	70.4	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 6000	9.4	59.8	64.6	68.8	69.8	70.2	70.5	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 5000	9.4	59.9	64.9	69.1	70.2	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 4500	9.4	59.9	64.9	69.1	70.2	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 4000	9.4	60.0	65.0	69.2	70.4	70.7	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 3500	9.4	60.2	65.2	69.4	70.6	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 3000	9.4	60.2	65.2	69.4	70.6	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 2500	9.5	60.6	65.6	69.8	71.0	71.3	71.6	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 2000	9.7	61.8	66.9	71.2	72.4	72.7	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 1800	9.7	62.5	67.6	72.0	73.3	73.6	74.0	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 1500	10.0	66.5	71.9	76.4	77.7	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 1200	10.3	71.5	77.5	82.5	84.0	84.3	84.6	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 1000	10.5	75.6	82.4	88.3	90.2	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 900	10.6	76.9	83.9	89.9	92.0	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4
≥ 800	10.6	78.0	85.0	91.1	93.3	94.1	94.4	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.2
≥ 700	10.6	78.6	85.7	91.9	94.5	95.3	95.7	96.1	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 600	10.6	79.0	86.4	92.7	95.5	96.4	97.0	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8
≥ 500	10.6	79.2	86.7	93.2	96.0	96.9	97.6	98.0	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 400	10.6	79.3	86.8	93.3	96.3	97.3	98.0	98.5	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.3
≥ 300	10.6	79.3	86.9	93.4	96.4	97.4	98.1	98.6	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.5
≥ 200	10.6	79.3	86.9	93.4	96.5	97.5	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100	10.6	79.3	86.9	93.4	96.5	97.5	98.2	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0
≥ 0	10.6	79.3	86.9	93.4	96.5	97.5	98.2	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH) 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	45.2	48.4	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	7.7	45.8	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	7.7	45.8	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	7.7	45.8	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	7.7	45.8	49.7	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	7.7	45.8	49.7	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	7.7	45.8	49.7	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	7.7	45.8	49.7	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	7.7	46.5	50.3	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000	7.7	46.5	50.3	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 6000	7.7	46.5	50.3	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 5000	8.4	47.7	51.6	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	8.4	47.7	51.6	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4000	8.4	48.4	52.3	53.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3500	8.4	49.0	52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 3000	8.4	49.0	52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2500	8.4	49.0	52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2000	9.0	52.3	56.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1800	9.0	53.6	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	9.0	56.8	61.3	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1200	9.0	62.6	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000	9.7	71.0	76.1	78.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 900	9.7	73.6	78.7	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	9.7	77.4	83.2	85.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	9.7	78.1	84.5	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	9.7	79.4	85.8	89.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	9.7	80.0	87.1	90.3	92.9	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	9.7	80.0	87.7	92.3	95.5	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	9.7	80.0	87.7	92.3	95.5	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	9.7	80.0	87.7	92.3	95.5	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	9.7	80.0	87.7	92.3	95.5	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	9.7	80.0	87.7	92.3	95.5	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	25.2	27.7	28.4	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	3.9	25.8	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 18000	3.9	25.8	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 16000	3.9	25.8	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 14000	3.9	25.8	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 12000	3.9	25.8	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 10000	3.9	27.7	30.3	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 9000	3.9	27.7	30.3	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 8000	3.9	28.4	31.0	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 7000	3.9	28.4	31.0	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	3.9	28.4	31.0	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	3.9	28.4	31.0	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4500	3.9	28.4	31.0	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4000	3.9	30.3	32.9	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	4.5	31.6	34.2	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	4.5	31.6	34.2	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 2500	5.2	33.6	36.1	36.8	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 2000	5.2	34.2	36.8	37.4	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 1800	5.2	35.5	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 1500	5.2	40.7	43.2	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1200	5.2	47.1	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1000	5.8	55.5	58.7	60.0	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 900	5.8	58.1	61.9	63.2	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 800	5.8	61.9	67.1	69.0	71.6	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 700	5.8	62.6	69.7	71.6	74.2	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 600	5.8	63.2	71.0	72.9	76.1	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 500	5.8	65.2	73.6	75.5	79.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 400	5.8	65.8	74.2	76.1	80.0	81.3	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	5.8	65.8	74.2	76.1	80.7	81.9	85.8	87.7	87.7	87.7	89.0	89.0	89.7	89.7	89.7	89.7
≥ 200	5.8	65.8	74.2	76.8	81.3	82.6	86.5	89.0	89.0	89.7	91.0	91.0	91.6	91.6	92.3	92.3
≥ 100	5.8	65.8	74.2	76.8	81.3	82.6	86.5	89.0	89.0	91.6	93.6	93.6	96.8	96.8	97.4	97.4
0	5.8	65.8	74.2	76.8	81.3	82.6	86.5	89.0	89.0	91.6	93.6	93.6	97.4	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH) 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	14.2	19.4	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 20000	6.5	14.2	19.4	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 18000	6.5	14.2	19.4	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 16000	6.5	14.2	19.4	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 14000	6.5	14.8	20.0	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 12000	6.5	14.8	20.0	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 10000	6.5	16.1	21.3	23.9	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 9000	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 8000	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 5000	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 4500	6.5	16.8	21.9	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 4000	6.5	17.4	22.6	25.2	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 3500	7.1	18.7	23.9	26.5	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 3000	7.7	20.7	25.8	28.4	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 2500	7.7	21.9	27.1	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 2000	7.7	25.2	31.6	34.2	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 1800	7.7	25.8	32.3	34.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 1500	7.7	31.6	39.4	42.6	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1200	7.7	34.2	44.5	49.7	53.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.6
≥ 1000	7.7	35.5	49.0	58.7	63.2	66.5	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 900	7.7	35.5	49.0	60.7	65.2	68.4	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 800	7.7	35.5	49.0	60.7	66.5	72.3	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 700	7.7	35.5	49.7	61.3	67.1	72.9	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 600	7.7	35.5	49.7	62.6	69.0	74.8	79.4	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 500	7.7	35.5	49.7	62.6	69.0	75.5	80.7	81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 400	7.7	35.5	49.7	63.9	70.3	77.4	82.6	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 300	7.7	35.5	49.7	63.9	70.3	78.1	83.9	86.5	87.1	90.3	90.3	90.3	91.0	91.6	91.6	92.3
≥ 200	7.7	35.5	49.7	63.9	70.3	78.1	84.5	87.1	87.7	91.0	91.6	91.6	92.9	93.6	94.8	96.8
≥ 100	7.7	35.5	49.7	63.9	70.3	78.1	84.5	87.1	87.7	91.0	91.6	91.6	93.6	94.2	95.5	98.1
0	7.7	35.5	49.7	63.9	70.3	78.1	84.5	87.1	87.7	91.0	91.6	91.6	93.6	94.2	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | AUG MONTH | 10 HOURS (L S T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	40.0	53.6	66.5	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	9.0	41.3	54.8	67.7	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	9.0	41.3	54.8	67.7	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	9.0	41.3	54.8	67.7	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	9.7	42.6	56.1	69.0	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	9.7	44.5	58.1	71.6	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	9.7	45.8	59.4	72.9	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	9.7	46.5	60.0	73.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	9.7	46.5	60.0	73.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	9.7	46.5	60.0	73.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	9.7	46.5	60.0	73.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	9.7	47.1	60.7	74.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	9.7	47.1	60.7	74.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	9.7	47.1	60.7	74.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	9.7	47.7	61.3	74.8	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	11.0	49.7	63.2	76.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	11.0	50.3	63.9	77.4	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	11.0	50.3	64.5	78.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	11.0	51.6	66.5	81.3	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	11.0	51.6	67.1	83.2	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	11.0	52.9	68.4	85.2	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	11.0	52.9	68.4	85.8	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	11.0	52.9	68.4	85.8	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	11.0	52.9	68.4	86.5	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	11.0	52.9	68.4	86.5	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	11.0	52.9	68.4	86.5	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	11.0	52.9	68.4	86.5	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.3	66.5	73.6	84.5	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 20000	12.9	67.7	74.8	85.8	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 18000	12.9	67.7	74.8	85.8	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 16000	12.9	67.7	74.8	85.8	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 14000	12.9	67.7	74.8	85.8	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	12.9	68.4	75.5	86.5	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	12.9	69.0	76.1	87.1	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9000	12.9	69.7	76.8	87.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	12.9	69.7	76.8	87.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	12.9	70.3	77.4	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	12.9	70.3	77.4	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	12.9	70.3	77.4	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	12.9	70.3	77.4	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	12.9	70.3	77.4	88.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	14.2	71.6	78.7	89.7	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	14.8	72.3	79.4	90.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	14.8	72.3	79.4	90.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	14.8	72.3	79.4	90.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	14.8	72.3	79.4	90.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	14.8	72.9	80.0	91.0	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	14.8	73.6	80.7	91.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	14.8	73.6	80.7	91.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	14.8	73.6	80.7	91.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	14.8	73.6	80.7	91.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	14.8	73.6	80.7	91.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	14.8	73.6	80.7	91.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	14.8	73.6	80.7	91.6	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

16 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.0	74.8	83.9	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 20000	20.0	76.1	85.2	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 18000	20.7	76.8	85.8	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 16000	20.7	76.8	85.8	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 14000	20.7	76.8	85.8	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 12000	20.7	77.4	86.5	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 10000	20.7	79.4	88.4	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	20.7	79.4	88.4	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	20.7	79.4	88.4	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	20.7	79.4	88.4	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	21.3	80.0	89.0	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	21.3	80.0	89.0	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.3	80.0	89.0	96.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	81.3	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 20000	18.1	81.3	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	18.1	81.3	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	18.1	81.9	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	18.1	81.9	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 12000	18.1	83.2	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	18.1	83.2	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	18.1	83.2	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	18.1	84.5	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	18.1	85.2	89.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	18.1	85.8	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	18.1	85.8	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	18.1	85.8	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	18.7	86.5	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	18.7	86.5	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	18.7	87.1	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	19.4	87.7	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	19.4	87.7	92.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	19.4	87.7	92.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	19.4	87.7	92.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	19.4	87.7	92.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	20.0	89.7	94.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	20.0	89.7	94.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	20.0	89.7	94.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	20.0	89.7	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

22 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	14.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	14.8	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	14.8	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	14.8	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	14.8	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	14.8	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	14.8	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	14.8	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	14.8	72.9	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	14.8	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	14.8	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	14.8	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	14.8	76.1	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	14.8	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	15.5	79.4	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	15.5	82.6	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	15.5	89.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	15.5	91.0	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	15.5	92.3	95.5	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	15.5	92.9	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	15.5	92.9	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	15.5	92.9	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	15.5	92.9	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	15.5	93.6	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	15.5	93.6	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	15.5	93.6	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	15.5	93.6	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.5	52.2	58.0	62.7	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	11.6	52.8	58.6	63.4	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	11.7	52.9	58.7	63.5	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	11.7	53.0	58.8	63.6	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	11.8	53.2	59.1	63.9	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	11.8	53.8	59.7	64.5	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	11.8	54.8	60.7	65.6	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	11.8	55.0	60.9	65.8	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	11.8	55.4	61.3	66.2	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	11.8	55.7	61.5	66.5	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	11.8	55.7	61.6	66.5	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	11.9	56.0	61.9	66.8	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	11.9	56.0	61.9	66.8	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	11.9	56.5	62.4	67.4	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	12.3	57.3	63.2	68.2	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3000	12.6	57.9	63.8	68.8	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	12.8	58.6	64.4	69.4	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	12.9	59.8	65.9	71.1	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800	12.9	60.4	66.6	71.9	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1500	13.0	62.6	69.1	74.7	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1200	13.0	65.1	72.0	77.9	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1000	13.2	68.4	76.1	82.8	86.2	87.0	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	13.2	69.3	77.1	84.1	87.5	88.3	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	13.2	70.4	78.5	85.7	89.4	90.7	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	13.2	70.7	79.1	86.5	90.2	91.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 600	13.2	70.9	79.5	87.0	91.0	92.3	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	13.2	71.2	80.0	87.5	91.6	93.2	94.5	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	13.2	71.3	80.2	88.0	92.2	94.0	95.6	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	13.2	71.4	80.2	88.1	92.3	94.3	96.1	96.6	96.7	97.2	97.3	97.3	97.5	97.6	97.6	97.7
≥ 200	13.2	71.4	80.2	88.2	92.4	94.4	96.2	96.9	96.9	97.5	97.7	97.7	98.0	98.1	98.3	98.6
≥ 100	13.2	71.4	80.2	88.2	92.4	94.4	96.2	96.9	96.9	97.7	98.1	98.1	98.7	98.8	99.0	99.4
0	13.2	71.4	80.2	88.2	92.4	94.4	96.2	96.9	96.9	97.7	98.1	98.1	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.3	40.0	43.3	45.3	46.0	46.7	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	5.3	40.7	44.0	46.0	47.3	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
M/V 18000	5.3	40.7	44.0	46.0	47.3	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
M/V 16000	5.3	40.7	44.0	46.0	47.3	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
M/V 14000	5.3	40.7	44.0	46.0	47.3	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
M/V 12000	5.3	40.7	44.0	46.0	47.3	48.0	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
M/V 10000	5.3	41.3	44.7	46.7	48.0	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
M/V 9000	5.3	41.3	44.7	46.7	48.0	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
M/V 8000	5.3	41.3	44.7	46.7	48.0	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
M/V 7000	5.3	42.7	46.0	48.0	49.3	50.0	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3
M/V 6000	5.3	42.7	46.0	48.0	49.3	50.0	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3
M/V 5000	5.3	43.3	47.3	49.3	50.7	51.3	52.0	52.0	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7
M/V 4500	5.3	44.7	48.7	50.7	52.0	52.7	53.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0
M/V 4000	5.3	46.7	50.7	52.7	54.0	54.7	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0
M/V 3500	5.3	46.7	50.7	52.7	54.0	54.7	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0
M/V 3000	5.3	48.0	52.0	54.0	55.3	56.0	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
M/V 2500	5.3	49.3	54.0	56.7	58.0	58.7	59.3	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
M/V 2000	5.3	52.7	58.0	60.7	62.0	62.7	63.3	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
M/V 1800	5.3	54.0	59.3	62.0	63.3	64.0	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
M/V 1500	5.3	62.0	67.3	70.7	72.0	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
M/V 1200	5.3	64.7	72.0	76.7	78.0	78.7	79.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M/V 1000	6.0	70.0	77.3	82.0	84.0	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
M/V 900	6.0	71.3	79.3	84.0	86.0	86.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
M/V 800	6.0	72.0	80.0	84.7	87.3	88.0	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
M/V 700	6.0	73.3	81.3	86.0	88.7	89.3	90.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
M/V 600	6.0	74.0	83.3	88.0	90.7	91.3	92.0	92.7	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
M/V 500	6.0	74.0	84.0	88.7	92.0	92.7	94.0	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
M/V 400	6.0	74.0	84.0	88.7	92.0	92.7	94.0	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
M/V 300	6.0	74.0	84.0	89.3	92.7	93.3	94.7	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
M/V 200	6.0	74.0	84.7	90.0	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3
M/V 100	6.0	74.0	84.7	90.0	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3
M/V 0	6.0	74.0	84.7	90.0	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.7	30.0	32.0	32.7	32.7	32.7	34.7	34.7	35.3	35.3	36.0	36.0	36.7	36.7	36.7	38.0
≥ 20000	4.7	30.0	32.0	33.3	33.3	33.3	35.3	35.3	36.0	36.0	36.7	36.7	37.3	37.3	37.3	38.7
≥ 18000	4.7	30.0	32.0	33.3	33.3	33.3	35.3	35.3	36.0	36.0	36.7	36.7	37.3	37.3	37.3	38.7
≥ 16000	4.7	30.0	32.0	33.3	33.3	33.3	35.3	35.3	36.0	36.0	36.7	36.7	37.3	37.3	37.3	38.7
≥ 14000	4.7	30.0	32.0	33.3	33.3	33.3	35.3	35.3	36.0	36.0	36.7	36.7	37.3	37.3	37.3	38.7
≥ 12000	4.7	30.7	32.7	34.0	34.7	34.7	36.7	36.7	37.3	37.3	38.0	38.0	38.7	38.7	38.7	40.0
≥ 10000	4.7	31.3	33.3	34.7	35.3	35.3	37.3	37.3	38.0	38.0	38.7	38.7	39.3	39.3	39.3	40.7
≥ 9000	4.7	31.3	33.3	34.7	35.3	35.3	37.3	37.3	38.0	38.0	38.7	38.7	39.3	39.3	39.3	40.7
≥ 8000	4.7	31.3	33.3	34.7	35.3	35.3	37.3	37.3	38.0	38.0	38.7	38.7	39.3	39.3	39.3	40.7
≥ 7000	4.7	31.3	33.3	34.7	35.3	35.3	37.3	37.3	38.0	38.0	38.7	38.7	39.3	39.3	39.3	40.7
≥ 6000	4.7	31.3	33.3	34.7	35.3	35.3	37.3	37.3	38.0	38.0	38.7	38.7	39.3	39.3	39.3	40.7
≥ 5000	4.7	32.0	34.7	36.0	36.7	36.7	38.7	38.7	39.3	39.3	40.0	40.0	40.7	40.7	40.7	42.0
≥ 4500	4.7	32.7	35.3	36.7	37.3	37.3	39.3	39.3	40.0	40.0	40.7	40.7	41.3	41.3	41.3	42.7
≥ 4000	4.7	35.3	38.7	40.0	40.7	40.7	42.7	42.7	43.3	43.3	44.0	44.0	44.7	44.7	44.7	46.0
≥ 3500	4.7	35.3	38.7	40.0	40.7	40.7	42.7	42.7	43.3	43.3	44.0	44.0	44.7	44.7	44.7	46.0
≥ 3000	4.7	37.3	40.7	42.0	42.7	42.7	44.7	44.7	45.3	45.3	46.0	46.0	46.7	46.7	46.7	48.0
≥ 2500	4.7	38.0	41.3	42.7	44.0	44.0	46.0	46.0	46.7	46.7	47.3	47.3	48.0	48.0	48.0	49.3
≥ 2000	4.7	41.3	44.7	46.7	48.0	48.0	50.0	50.0	50.7	50.7	51.3	51.3	52.0	52.0	52.0	53.3
≥ 1800	4.7	43.3	47.3	49.3	50.7	50.7	52.7	52.7	53.3	53.3	54.0	54.0	54.7	54.7	54.7	56.0
≥ 1500	4.7	51.3	55.3	58.0	59.3	59.3	61.3	61.3	62.0	62.0	62.7	62.7	63.3	63.3	63.3	64.7
≥ 1200	4.7	54.7	58.7	61.3	63.3	63.3	65.3	65.3	66.0	66.0	66.7	66.7	67.3	67.3	67.3	68.7
≥ 1000	4.7	60.7	65.3	69.3	72.7	72.7	75.3	75.3	76.0	76.0	76.7	76.7	77.3	77.3	77.3	78.7
≥ 900	4.7	62.7	68.7	73.3	76.7	76.7	79.3	79.3	80.0	80.0	80.7	80.7	81.3	81.3	81.3	82.7
≥ 800	5.3	64.7	72.0	76.7	80.0	80.7	83.3	83.3	84.0	84.0	84.7	84.7	85.3	85.3	85.3	86.7
≥ 700	5.3	65.3	73.3	78.7	82.7	83.3	86.0	86.0	86.7	86.7	87.3	87.3	88.0	88.0	88.0	89.3
≥ 600	5.3	66.0	74.7	80.0	84.0	85.3	88.0	88.0	88.7	88.7	89.3	89.3	90.0	90.0	90.0	91.3
≥ 500	5.3	66.7	75.3	80.7	84.7	86.0	89.3	90.0	90.7	90.7	92.0	92.0	92.7	92.7	92.7	94.0
≥ 400	5.3	66.7	75.3	80.7	84.7	86.0	89.3	90.7	91.3	91.3	92.7	92.7	93.3	93.3	93.3	94.7
≥ 300	5.3	66.7	75.3	80.7	84.7	86.0	89.3	91.3	92.0	92.0	94.0	94.0	95.3	95.3	95.3	96.7
≥ 200	5.3	66.7	75.3	80.7	84.7	86.0	89.3	91.3	92.0	92.0	94.7	94.7	96.7	96.7	96.7	98.0
≥ 100	5.3	66.7	75.3	80.7	84.7	86.0	89.3	91.3	92.0	92.0	94.7	94.7	96.7	96.7	96.7	99.3
0	5.3	66.7	75.3	80.7	84.7	86.0	89.3	91.3	92.0	92.0	94.7	94.7	97.3	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.3	23.3	25.3	28.0	28.7	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.7	30.7	30.7	30.7
≥ 20000	5.3	24.7	26.7	29.3	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	32.0	32.0	32.0	32.0
≥ 18000	5.3	24.7	26.7	29.3	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	32.0	32.0	32.0	32.0
≥ 16000	5.3	24.7	26.7	29.3	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	32.0	32.0	32.0	32.0
≥ 14000	5.3	24.7	26.7	29.3	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	32.0	32.0	32.0	32.0
≥ 12000	5.3	24.7	26.7	29.3	30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.7	32.7	32.7	32.7
≥ 10000	5.3	24.7	26.7	29.3	30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.7	32.7	32.7	32.7
≥ 9000	5.3	24.7	26.7	29.3	30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.7	32.7	32.7	32.7
≥ 8000	5.3	26.0	28.0	30.7	32.0	32.7	33.3	33.3	33.3	33.3	33.3	33.3	34.0	34.0	34.0	34.0
≥ 7000	5.3	27.3	30.0	32.7	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	36.0	36.0	36.0	36.0
≥ 6000	5.3	27.3	30.0	32.7	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	36.0	36.0	36.0	36.0
≥ 5000	5.3	27.3	30.0	32.7	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	36.0	36.0	36.0	36.0
≥ 4500	5.3	28.0	30.7	33.3	34.7	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.7	36.7	36.7	36.7
≥ 4000	6.0	31.3	34.0	36.7	38.0	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	40.7
≥ 3500	6.0	31.3	34.0	36.7	38.0	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	40.7
≥ 3000	6.0	32.0	34.7	38.0	39.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.7	42.7	42.7	42.7
≥ 2500	6.0	34.0	36.7	40.0	41.3	43.3	45.3	45.3	45.3	45.3	45.3	45.3	46.0	46.0	46.0	46.0
≥ 2000	6.0	36.0	40.7	44.7	46.7	48.7	50.7	50.7	50.7	50.7	50.7	50.7	51.3	51.3	51.3	51.3
≥ 1800	6.0	38.0	43.3	47.3	49.3	51.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0	54.0	54.0
≥ 1500	6.0	42.7	50.0	55.3	57.3	59.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0	62.0	62.0	62.0
≥ 1200	6.0	44.7	53.3	60.0	64.0	66.7	68.7	68.7	68.7	68.7	68.7	68.7	69.3	69.3	69.3	69.3
≥ 1000	6.0	46.0	56.0	62.7	70.7	73.3	76.0	76.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3
≥ 900	6.0	46.7	58.7	65.3	74.0	76.7	79.3	79.3	79.3	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 800	6.0	47.3	59.3	66.7	75.3	79.3	82.0	82.0	82.0	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 700	6.0	47.3	59.3	67.3	76.7	80.7	83.3	83.3	83.3	84.0	84.0	84.0	84.7	84.7	84.7	84.7
≥ 600	6.0	47.3	59.3	67.3	76.7	80.7	83.3	83.3	83.3	84.0	84.0	84.0	84.7	84.7	84.7	84.7
≥ 500	6.0	47.3	59.3	67.3	76.7	80.7	84.7	84.7	84.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0
≥ 400	6.0	47.3	59.3	67.3	76.7	80.7	84.7	86.0	86.0	90.0	90.0	90.0	90.7	90.7	90.7	91.3
≥ 300	6.0	47.3	59.3	67.3	76.7	80.7	84.7	86.7	86.7	91.3	92.7	92.7	94.7	94.7	94.7	95.3
≥ 200	6.0	47.3	59.3	67.3	76.7	80.7	84.7	86.7	86.7	91.3	92.7	92.7	94.7	94.7	94.7	95.3
≥ 100	6.0	47.3	59.3	67.3	76.7	80.7	84.7	86.7	86.7	91.3	92.7	92.7	94.7	94.7	94.7	98.0
0	6.0	47.3	59.3	67.3	76.7	80.7	84.7	86.7	86.7	91.3	92.7	92.7	94.7	94.7	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

10 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.0	35.3	42.0	48.7	52.7	54.0	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	6.0	36.0	43.3	50.0	54.0	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	6.0	36.0	43.3	50.0	54.0	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	6.0	36.0	43.3	50.0	54.0	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	6.0	36.0	43.3	50.0	54.0	55.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	6.0	36.7	44.0	50.7	54.7	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	6.0	36.7	44.0	50.7	54.7	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	6.0	36.7	44.0	50.7	54.7	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	6.0	37.3	44.7	51.3	55.3	56.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	6.0	38.0	45.3	52.7	56.7	58.0	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	6.0	38.0	45.3	52.7	56.7	58.0	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	6.0	38.0	46.0	53.3	57.3	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	6.0	38.0	46.0	53.3	57.3	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4000	6.0	39.3	47.3	54.7	59.3	60.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3500	6.0	41.3	49.3	56.7	61.3	62.7	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3000	6.7	44.0	52.0	59.3	64.7	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2500	6.7	48.7	56.7	65.3	70.7	72.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	6.7	52.0	60.0	69.3	76.7	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	6.7	52.7	61.3	70.7	78.0	79.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	6.7	58.7	69.3	80.0	87.3	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	7.3	59.3	70.0	81.3	90.0	92.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	7.3	59.3	70.7	82.7	92.7	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	7.3	59.3	70.7	82.7	92.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	7.3	59.3	70.7	82.7	92.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	7.3	59.3	70.7	82.7	92.7	94.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.3	59.3	70.7	82.7	92.7	95.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.3	52.0	62.0	69.3	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	9.3	53.3	64.7	72.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	9.3	53.3	64.7	72.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	9.3	53.3	64.7	72.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	9.3	53.3	64.7	72.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	9.3	53.3	64.7	72.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	9.3	54.0	65.3	73.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	9.3	54.0	65.3	73.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	9.3	54.0	65.3	73.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	9.3	54.0	65.3	73.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	9.3	54.0	66.0	74.0	76.0	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	9.3	54.0	66.0	74.0	76.0	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	9.3	54.0	66.0	74.0	76.0	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	9.3	56.0	68.7	76.7	78.7	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	9.3	58.0	70.7	79.3	81.3	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	9.3	58.7	71.3	80.0	82.0	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	9.3	62.0	74.7	84.0	86.7	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	9.3	64.7	77.3	88.0	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	10.0	66.0	78.7	89.3	92.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	10.0	68.7	81.3	92.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	10.0	68.7	81.3	92.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	10.0	68.7	81.3	92.7	96.0	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.0	59.3	65.3	70.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	12.0	62.0	68.0	73.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	12.0	62.0	68.0	73.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	12.0	62.0	68.0	73.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	12.0	62.0	68.0	73.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	12.0	62.7	68.7	74.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	12.0	63.3	69.3	74.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	12.0	63.3	69.3	74.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	12.0	63.3	69.3	74.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	12.0	63.3	69.3	74.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	12.0	63.3	70.0	75.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	12.0	64.7	71.3	76.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	12.0	65.3	72.0	77.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	12.0	67.3	74.0	79.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	12.0	68.0	74.7	80.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	12.0	70.7	77.3	83.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	12.7	74.0	81.3	88.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	12.7	74.7	82.0	88.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	12.7	75.3	82.7	89.3	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	13.3	76.7	84.7	92.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	13.3	78.0	86.0	93.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	13.3	78.7	86.7	94.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	13.3	78.7	86.7	94.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	13.3	78.7	86.7	94.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	13.3	78.7	86.7	94.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	13.3	79.3	87.3	94.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.0	58.0	60.7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	10.0	58.7	62.0	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	10.0	58.7	62.0	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	10.0	58.7	62.0	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	10.7	60.0	63.3	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	10.7	60.7	64.0	65.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	11.3	62.7	66.0	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	11.3	62.7	66.0	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	12.0	64.0	67.3	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	12.0	64.0	67.3	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	12.0	64.7	68.0	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	12.7	65.3	68.7	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	12.7	66.0	69.3	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	12.7	68.0	71.3	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	14.0	70.0	73.3	74.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	14.0	70.7	74.0	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	14.0	72.7	77.3	79.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	14.0	74.7	79.3	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	14.0	77.3	82.7	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	14.0	80.7	86.7	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	14.0	84.7	92.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	14.0	85.3	93.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	14.0	85.3	93.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	14.0	85.3	93.3	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	14.0	85.3	93.3	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	14.0	85.3	93.3	96.0	98.7	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

22 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.7	56.0	56.7	58.7	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	8.7	56.7	58.0	60.0	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	8.7	56.7	58.0	60.0	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	8.7	56.7	58.0	60.0	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	8.7	56.7	58.0	60.0	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	8.7	56.7	58.0	60.0	61.3	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	9.3	58.0	59.3	61.3	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	9.3	58.0	59.3	61.3	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	9.3	58.0	59.3	61.3	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	9.3	58.7	60.0	62.0	63.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	10.0	59.3	61.3	63.3	64.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	10.0	60.7	62.7	64.7	66.0	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	10.0	61.3	63.3	65.3	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	10.0	62.7	64.7	66.7	68.0	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	10.0	63.3	65.3	67.3	68.7	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	10.0	64.0	66.0	68.0	69.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500	10.0	66.0	68.0	70.0	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	11.3	70.7	72.7	74.7	76.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	11.3	73.3	75.3	77.3	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	12.0	75.3	77.3	79.3	80.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	12.7	81.3	85.3	88.0	89.3	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	12.7	84.0	88.0	91.3	92.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	12.7	84.7	89.3	92.7	94.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	12.7	85.3	90.7	94.0	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	12.7	85.3	91.3	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	12.7	85.3	92.0	95.3	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	12.7	86.0	92.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	12.7	86.0	93.3	96.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.7	86.0	93.3	96.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.7	86.0	93.3	96.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.7	86.0	93.3	96.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.7	86.0	93.3	96.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	44.3	48.4	51.8	53.7	54.1	55.0	55.2	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.8
≥ 20000	7.7	45.3	49.8	53.5	55.4	55.8	56.8	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.5
≥ 18000	7.7	45.3	49.8	53.5	55.4	55.8	56.8	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.5
≥ 16000	7.7	45.3	49.8	53.5	55.4	55.8	56.8	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.5
≥ 14000	7.8	45.4	50.0	53.7	55.6	56.0	56.9	57.1	57.2	57.3	57.3	57.3	57.5	57.5	57.5	57.7
≥ 12000	7.8	45.8	50.3	54.0	56.1	56.5	57.4	57.6	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.2
≥ 10000	7.9	46.5	51.1	54.8	56.8	57.3	58.2	58.3	58.4	58.5	58.6	58.6	58.8	58.8	58.8	58.9
≥ 9000	7.9	46.5	51.1	54.8	56.8	57.3	58.2	58.3	58.4	58.5	58.6	58.6	58.8	58.8	58.8	58.9
≥ 8000	8.0	46.9	51.5	55.2	57.3	57.7	58.6	58.6	58.8	58.9	59.0	59.0	59.2	59.2	59.2	59.3
≥ 7000	8.0	47.4	52.1	55.8	57.9	58.3	59.3	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.8	60.0
≥ 6000	8.1	47.6	52.5	56.3	58.3	58.8	59.7	59.8	59.9	60.0	60.1	60.1	60.3	60.3	60.3	60.4
≥ 5000	8.2	48.2	53.3	57.1	59.2	59.6	60.5	60.7	60.8	60.8	60.9	60.9	61.1	61.1	61.1	61.3
≥ 4500	8.2	48.8	53.9	57.7	59.8	60.2	61.1	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.8
≥ 4000	8.3	50.8	56.2	59.9	62.1	62.6	63.5	63.7	63.8	63.8	63.9	63.9	64.1	64.1	64.1	64.3
≥ 3500	8.4	51.8	57.1	61.0	63.2	63.7	64.6	64.8	64.8	64.9	65.0	65.0	65.2	65.2	65.2	65.3
≥ 3000	8.5	53.2	58.5	62.6	64.8	65.4	66.3	66.5	66.6	66.7	66.8	66.8	66.9	66.9	66.9	67.1
≥ 2500	8.6	55.6	61.3	65.8	68.2	68.8	70.0	70.2	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.8
≥ 2000	8.8	58.3	64.3	69.3	72.0	72.7	73.8	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.6
≥ 1800	8.8	60.0	66.3	71.3	74.0	74.7	75.8	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.6
≥ 1500	9.0	64.5	71.5	77.2	79.9	80.8	82.0	82.2	82.3	82.3	82.4	82.4	82.6	82.6	82.6	82.8
≥ 1200	9.2	67.0	74.9	81.1	84.3	85.4	86.6	86.8	86.9	87.0	87.1	87.1	87.3	87.3	87.3	87.4
≥ 1000	9.3	69.1	77.3	83.8	88.1	89.2	90.5	90.8	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.5
≥ 900	9.3	69.7	78.5	85.1	89.4	90.5	92.0	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	93.0
≥ 800	9.3	70.2	79.3	85.9	90.4	91.8	93.3	93.6	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.3
≥ 700	9.3	70.4	79.7	86.5	91.2	92.9	94.0	94.3	94.4	94.7	94.8	94.8	94.9	94.9	94.9	95.1
≥ 600	9.3	70.7	80.3	87.1	91.8	93.3	94.8	95.3	95.3	95.7	95.8	95.8	95.9	95.9	95.9	96.1
≥ 500	9.3	70.8	80.5	87.3	92.1	93.6	95.5	96.0	96.1	96.8	96.9	96.9	97.1	97.1	97.1	97.3
≥ 400	9.3	70.8	80.6	87.4	92.2	93.7	95.6	96.3	96.4	97.3	97.4	97.4	97.6	97.6	97.6	97.8
≥ 300	9.3	70.8	80.6	87.5	92.3	93.8	95.7	96.6	96.7	97.6	98.0	98.0	98.4	98.4	98.4	98.7
≥ 200	9.3	70.8	80.7	87.6	92.3	93.8	95.8	96.8	96.8	97.8	98.3	98.3	98.8	98.8	98.8	99.1
≥ 100	9.3	70.8	80.7	87.6	92.3	93.8	95.8	96.8	96.8	97.8	98.3	98.3	98.8	98.8	98.8	99.6
≥ 0	9.3	70.8	80.7	87.6	92.3	93.8	95.8	96.8	96.8	97.8	98.3	98.3	98.8	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.7	43.9	46.5	49.0	50.3	50.3	50.3	51.0	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.9
≥ 20000	19.4	45.2	47.7	51.0	52.9	52.9	53.6	54.2	54.2	54.8	55.5	55.5	55.5	55.5	55.5	56.1
≥ 18000	19.4	45.8	48.4	51.6	53.6	53.6	54.2	54.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.8
≥ 16000	19.4	45.8	48.4	51.6	53.6	53.6	54.2	54.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.8
≥ 14000	19.4	45.8	48.4	51.6	53.6	53.6	54.2	54.8	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.8
≥ 12000	20.0	47.1	49.7	52.9	54.8	54.8	55.5	56.1	56.1	56.8	57.4	57.4	57.4	57.4	57.4	58.1
≥ 10000	20.7	49.0	51.6	54.8	56.8	56.8	57.4	58.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	60.0
≥ 9000	20.7	49.0	51.6	54.8	56.8	56.8	57.4	58.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	60.0
≥ 8000	21.3	50.3	52.9	56.1	58.1	58.1	58.7	59.4	59.4	60.0	60.7	60.7	60.7	60.7	60.7	61.3
≥ 7000	21.3	50.3	52.9	56.1	58.1	58.1	58.7	59.4	59.4	60.0	60.7	60.7	60.7	60.7	60.7	61.3
≥ 6000	21.3	50.3	52.9	56.1	58.1	58.1	58.7	59.4	59.4	60.0	60.7	60.7	60.7	60.7	60.7	61.3
≥ 5000	21.3	51.0	53.6	57.4	59.4	59.4	60.0	60.7	60.7	61.3	61.9	61.9	61.9	61.9	61.9	62.6
≥ 4500	21.3	51.0	53.6	57.4	59.4	59.4	60.0	60.7	60.7	61.3	61.9	61.9	61.9	61.9	61.9	62.6
≥ 4000	21.3	51.6	54.2	58.1	60.0	60.0	60.7	61.3	61.3	61.9	62.6	62.6	62.6	62.6	62.6	63.2
≥ 3500	22.6	54.2	56.8	60.7	62.6	62.6	63.2	63.9	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.8
≥ 3000	23.2	55.5	58.1	61.9	63.9	63.9	64.5	65.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	67.1
≥ 2500	24.5	58.1	60.7	64.5	66.5	66.5	67.1	67.7	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.7
≥ 2000	24.5	60.0	62.6	66.5	68.4	68.4	69.0	69.7	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.6
≥ 1800	24.5	60.7	63.2	67.1	69.0	69.0	69.7	70.3	70.3	71.0	71.6	71.6	71.6	71.6	71.6	72.3
≥ 1500	25.2	66.5	69.7	73.6	75.5	75.5	76.1	76.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.7
≥ 1200	25.2	69.0	72.3	76.8	78.7	78.7	80.0	80.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9	82.6
≥ 1000	25.2	70.3	73.6	78.1	80.0	80.0	81.3	81.9	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.9
≥ 900	25.2	70.3	74.2	79.4	81.9	81.9	83.2	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.8
≥ 800	25.2	70.3	74.8	80.0	82.6	82.6	83.9	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	86.5
≥ 700	25.2	70.3	76.1	81.3	83.9	83.9	85.2	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.7
≥ 600	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	89.0
≥ 500	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	89.0
≥ 400	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	89.0
≥ 300	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.7
≥ 200	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	88.4	89.0	89.0	89.7	89.7	89.7	90.3
≥ 100	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	89.0	89.7	89.7	91.6	91.6	91.6	94.2
≥ 0	25.2	71.0	76.8	81.9	85.2	85.2	86.5	87.1	87.1	89.0	89.7	89.7	92.3	92.3	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.0	40.7	43.9	46.5	47.1	47.1	47.1	47.1	47.1	47.7	48.4	48.4	48.4	48.4	48.4	49.0
≥ 20000	20.7	41.3	44.5	47.7	48.4	48.4	48.4	48.4	48.4	49.0	49.7	49.7	49.7	49.7	49.7	50.3
≥ 18000	20.7	41.3	44.5	47.7	48.4	48.4	48.4	48.4	48.4	49.0	49.7	49.7	49.7	49.7	49.7	50.3
≥ 16000	20.7	41.3	44.5	47.7	48.4	48.4	48.4	48.4	48.4	49.0	49.7	49.7	49.7	49.7	49.7	50.3
≥ 14000	20.7	41.3	44.5	47.7	48.4	48.4	48.4	49.0	49.0	49.7	50.3	50.3	50.3	50.3	50.3	51.0
≥ 12000	20.7	43.2	46.5	49.7	50.3	50.3	50.3	51.0	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.9
≥ 10000	20.7	43.9	47.1	50.3	51.0	51.0	51.0	51.6	51.6	52.3	52.9	52.9	52.9	52.9	52.9	53.6
≥ 9000	20.7	43.9	47.1	50.3	51.0	51.0	51.0	51.6	51.6	52.3	52.9	52.9	52.9	52.9	52.9	53.6
≥ 8000	21.9	45.2	48.4	51.6	52.3	52.3	52.3	52.9	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.8
≥ 7000	21.9	45.8	49.0	52.3	52.9	52.9	52.9	53.6	53.6	54.2	54.8	54.8	54.8	54.8	54.8	55.5
≥ 6000	21.9	45.8	49.0	52.3	52.9	52.9	52.9	53.6	53.6	54.2	54.8	54.8	54.8	54.8	54.8	55.5
≥ 5000	21.9	46.5	49.7	52.9	53.6	53.6	53.6	54.2	54.2	54.8	55.5	55.5	55.5	55.5	55.5	56.1
≥ 4500	21.9	46.5	49.7	52.9	53.6	53.6	53.6	54.2	54.2	54.8	55.5	55.5	55.5	55.5	55.5	56.1
≥ 4000	23.2	49.0	52.3	55.5	56.1	56.1	56.1	56.8	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.7
≥ 3500	23.9	51.0	54.2	57.4	58.1	58.1	58.1	58.7	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.7
≥ 3000	25.2	53.6	56.8	60.0	60.7	60.7	60.7	61.3	61.3	61.9	62.6	62.6	62.6	62.6	62.6	63.2
≥ 2500	25.2	54.8	58.1	61.3	61.9	61.9	61.9	62.6	62.6	63.2	63.9	63.9	63.9	63.9	63.9	64.5
≥ 2000	25.2	56.8	60.0	63.2	63.9	63.9	63.9	64.5	64.5	65.2	65.8	65.8	65.8	65.8	65.8	66.5
≥ 1800	25.2	59.4	62.6	65.8	66.5	66.5	66.5	67.1	67.1	67.7	68.4	68.4	68.4	68.4	68.4	69.0
≥ 1500	25.2	63.2	66.5	69.7	70.3	70.3	70.3	71.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.9
≥ 1200	25.2	63.9	67.1	72.3	72.9	72.9	72.9	73.6	73.6	74.2	74.8	74.8	74.8	74.8	74.8	75.5
≥ 1000	25.2	64.5	67.7	73.6	74.8	74.8	76.1	76.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.7
≥ 900	25.2	65.2	69.7	76.8	78.1	78.1	79.4	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.9
≥ 800	25.2	65.8	70.3	77.4	78.7	78.7	80.7	81.3	81.3	81.9	82.6	82.6	82.6	82.6	82.6	83.2
≥ 700	25.2	65.8	70.3	77.4	78.7	78.7	80.7	81.9	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.9
≥ 600	25.2	65.8	71.0	78.7	80.0	80.0	81.9	83.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	85.2
≥ 500	25.2	65.8	71.6	79.4	81.9	81.9	83.9	85.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	87.1
≥ 400	25.2	65.8	71.6	79.4	81.9	81.9	83.9	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.7
≥ 300	25.2	66.5	72.3	80.0	82.6	82.6	84.5	86.5	86.5	87.1	87.7	87.7	87.7	87.7	87.7	88.4
≥ 200	25.2	66.5	72.3	80.0	82.6	82.6	84.5	86.5	86.5	87.1	87.7	87.7	87.7	87.7	87.7	89.0
≥ 100	25.2	66.5	72.3	80.0	82.6	82.6	84.5	86.5	86.5	87.1	88.4	88.4	89.0	90.3	90.3	93.6
≥ 0	25.2	66.5	72.3	80.0	82.6	82.6	84.5	86.5	86.5	87.1	88.4	88.4	89.0	90.3	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH) 07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	30.3	32.9	35.5	36.8	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	17.4	32.3	34.8	38.1	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 18000	17.4	32.9	35.5	38.7	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	17.4	32.9	35.5	38.7	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	17.4	32.9	35.5	38.7	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 12000	17.4	34.8	38.1	41.3	43.2	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	17.4	34.8	38.7	41.9	43.9	44.5	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	17.4	34.8	38.7	41.9	43.9	44.5	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 8000	18.1	35.5	39.4	42.6	45.2	45.8	46.5	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	18.1	35.5	39.4	42.6	45.2	45.8	46.5	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	18.7	36.1	40.0	43.2	45.8	46.5	47.1	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 5000	20.0	37.4	41.3	44.5	47.1	47.7	48.4	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4500	20.0	38.1	41.9	45.2	47.7	48.4	49.0	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4000	20.0	38.7	42.6	45.8	48.4	49.0	49.7	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3500	20.0	41.9	45.8	49.0	52.3	52.9	53.6	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3000	22.6	45.2	49.7	52.9	56.1	56.8	57.4	[illegible]	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	23.2	47.1	51.6	54.8	58.1	58.7	59.4	[illegible]	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	23.9	50.3	56.1	59.4	62.6	63.2	63.9	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	23.9	51.0	57.4	61.3	64.5	65.2	65.8	66.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	23.9	52.3	59.4	65.8	69.0	69.7	70.3	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.9
≥ 1200	23.9	52.9	60.7	67.7	72.3	72.9	73.6	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 1000	23.9	52.9	60.7	68.4	72.9	73.6	76.1	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 900	23.9	52.9	60.7	68.4	72.9	74.2	76.8	78.1	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.7
≥ 800	23.9	52.9	61.3	69.7	74.2	76.1	78.7	80.0	80.0	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 700	23.9	52.9	61.3	69.7	74.2	76.1	79.4	80.7	80.7	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 600	23.9	52.9	61.3	69.7	74.2	76.1	79.4	81.3	81.3	83.9	83.9	83.9	83.9	83.9	83.9	84.5
≥ 500	23.9	52.9	61.3	69.7	74.2	76.1	79.4	81.3	81.3	84.5	85.2	85.2	85.2	85.2	86.5	87.1
≥ 400	23.9	52.9	61.3	69.7	74.8	76.8	80.0	81.9	81.9	85.2	86.5	86.5	87.1	87.1	88.4	89.0
≥ 300	23.9	52.9	61.3	69.7	74.8	76.8	80.0	81.9	81.9	85.8	87.7	87.7	88.4	88.4	89.7	90.3
≥ 200	23.9	52.9	61.3	69.7	74.8	76.8	80.0	81.9	81.9	86.5	88.4	88.4	89.0	89.0	91.0	92.3
≥ 100	23.9	52.9	61.3	69.7	74.8	76.8	80.0	81.9	81.9	86.5	88.4	88.4	89.0	89.0	91.0	94.8
0	23.9	52.9	61.3	69.7	74.8	76.8	80.0	81.9	81.9	86.5	88.4	88.4	89.0	89.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	38.7	43.9	47.1	51.6	55.5	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	17.4	40.0	45.8	49.0	53.6	58.1	62.6	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	17.4	40.0	46.5	49.7	54.2	58.7	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	17.4	40.0	46.5	49.7	54.2	58.7	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	17.4	40.0	47.1	50.3	54.8	59.4	63.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	17.4	40.7	47.7	51.0	55.5	60.0	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	17.4	41.3	49.0	52.3	56.8	61.3	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	17.4	41.3	49.0	52.3	56.8	61.3	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	17.4	41.9	49.7	53.6	58.1	62.6	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	17.4	41.9	49.7	53.6	58.7	63.2	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	17.4	41.9	49.7	53.6	58.7	63.2	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	18.7	43.2	51.0	54.8	60.0	64.5	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	18.7	43.2	51.0	54.8	60.0	64.5	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	20.7	46.5	54.8	58.7	63.9	69.0	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	21.9	50.3	58.7	62.6	67.7	72.9	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	23.2	54.8	63.2	67.1	72.3	77.4	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	23.2	56.8	65.2	70.3	75.5	80.7	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	23.9	58.7	67.7	72.9	78.1	83.2	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	23.9	59.4	68.4	73.6	78.7	83.9	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	23.9	60.7	69.7	74.8	80.0	85.2	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	23.9	60.7	69.7	74.8	80.0	85.2	91.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	23.9	60.7	70.3	76.1	81.3	86.5	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	23.9	61.3	71.0	77.4	82.6	87.7	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	23.9	61.3	71.0	77.4	82.6	88.4	94.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	23.9	61.3	71.0	77.4	82.6	88.4	94.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	23.9	61.3	71.0	77.4	82.6	88.4	94.8	96.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	23.9	61.3	71.0	77.4	82.6	88.4	94.8	96.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	23.9	61.3	71.0	77.4	82.6	88.4	95.5	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	23.9	61.3	71.0	77.4	82.6	88.4	95.5	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	23.9	61.3	71.0	77.4	82.6	88.4	95.5	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	23.9	61.3	71.0	77.4	82.6	88.4	95.5	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
0	23.9	61.3	71.0	77.4	82.6	88.4	95.5	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.6	42.6	49.7	54.2	62.6	65.8	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	22.6	44.5	52.9	57.4	65.8	69.0	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	22.6	44.5	53.6	58.7	67.1	70.3	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	22.6	44.5	53.6	58.7	67.1	70.3	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	22.6	44.5	53.6	58.7	67.1	70.3	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	22.6	45.2	54.2	60.0	68.4	71.6	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	22.6	46.5	55.5	61.3	69.7	74.2	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	22.6	46.5	55.5	61.3	69.7	74.2	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	22.6	46.5	55.5	61.3	69.7	74.2	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	22.6	47.1	56.1	61.9	70.3	74.8	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	22.6	47.1	56.1	61.9	70.3	74.8	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	22.6	47.7	56.8	62.6	71.0	75.5	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	22.6	47.7	56.8	62.6	71.0	75.5	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	24.5	50.3	59.4	65.2	73.6	78.1	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	25.8	53.6	63.2	70.3	78.7	83.2	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	25.8	56.1	65.8	73.6	81.9	86.5	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	26.5	57.4	67.1	74.8	83.2	87.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	27.7	60.0	69.7	77.4	85.8	90.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	27.7	60.0	69.7	77.4	85.8	90.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	28.4	61.3	71.0	78.7	87.1	91.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	28.4	61.3	71.6	79.4	87.7	92.3	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.4	61.9	72.3	80.0	88.4	92.9	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	54.2	63.2	69.0	72.9	75.5	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	25.8	56.8	67.1	72.9	76.8	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	25.8	56.8	67.1	72.9	76.8	80.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	25.8	56.8	67.1	72.9	76.8	80.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	25.8	56.8	67.1	72.9	76.8	80.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	25.8	57.4	67.7	73.6	77.4	80.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	26.5	60.0	70.3	76.8	81.3	84.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	26.5	60.0	70.3	76.8	81.3	84.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	26.5	60.0	70.3	76.8	81.3	84.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	26.5	60.0	70.3	76.8	81.3	84.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	26.5	60.0	70.3	76.8	81.3	84.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	26.5	60.7	71.0	77.4	81.9	85.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	26.5	60.7	71.0	77.4	81.9	85.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	27.7	63.2	74.2	80.7	85.2	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	29.7	65.8	76.8	83.2	87.7	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	30.3	67.1	78.1	84.5	89.0	92.3	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	32.3	69.7	80.7	87.1	91.6	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	32.3	70.3	81.3	87.7	92.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	32.3	70.3	81.3	87.7	92.3	95.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	32.9	71.0	81.9	88.4	92.9	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	32.9	71.0	81.9	88.4	92.9	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	32.9	71.0	81.9	88.4	92.9	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	32.9	71.0	81.9	88.4	92.9	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	32.9	71.0	81.9	88.4	92.9	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.2	64.5	66.5	70.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	23.2	66.5	68.4	72.9	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	23.2	66.5	68.4	72.9	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	23.2	66.5	68.4	72.9	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	23.2	66.5	68.4	72.9	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	23.2	67.1	69.0	73.6	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	23.9	69.0	71.6	76.1	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	23.9	69.0	71.6	76.1	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	24.5	69.7	72.3	76.8	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	24.3	69.7	72.3	76.8	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	24.5	69.7	72.3	76.8	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	25.2	71.0	73.6	78.1	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	25.2	71.0	73.6	78.1	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	25.8	71.6	74.8	79.4	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	26.5	72.9	76.1	80.7	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	28.4	76.1	79.4	83.9	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	30.3	80.0	83.2	87.7	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	30.3	80.7	84.5	89.0	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	31.0	81.3	85.2	89.7	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	31.0	83.2	87.1	91.6	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	31.6	83.9	87.7	92.9	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	31.6	85.2	89.0	94.2	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	31.6	85.2	89.0	94.2	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	31.6	85.2	89.0	94.2	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	31.6	85.2	89.0	94.2	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.6	85.2	89.0	94.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.2	58.1	59.4	62.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	25.2	59.4	61.3	64.5	65.8	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	25.2	60.0	61.9	65.2	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	25.2	60.0	61.9	65.2	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	25.2	60.0	61.9	65.2	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	25.8	60.7	62.6	65.8	67.1	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	26.5	61.9	63.9	67.7	69.0	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	26.5	61.9	63.9	67.7	69.0	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	27.1	62.6	64.5	68.4	69.7	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	27.1	62.6	64.5	68.4	69.7	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	27.1	62.6	64.5	68.4	69.7	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	27.1	63.2	65.2	69.0	70.3	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	27.1	63.2	65.2	69.0	70.3	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	28.4	64.5	66.5	70.3	71.6	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	29.0	66.5	68.4	72.3	73.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	29.7	67.1	69.0	72.9	74.2	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	31.0	70.3	72.3	76.1	77.4	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	31.0	74.2	76.1	80.0	81.3	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	31.0	74.8	76.8	80.7	81.9	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	31.0	80.0	82.6	86.5	87.7	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	31.0	81.3	83.9	87.7	89.0	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	31.0	82.6	85.2	89.0	90.3	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	31.0	83.2	85.8	89.7	91.0	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	31.0	83.2	85.8	89.7	91.0	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	31.0	83.2	85.8	89.7	91.0	92.3	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	31.0	83.2	85.8	89.7	91.6	92.9	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	31.0	83.2	85.8	89.7	91.6	92.9	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	31.0	83.2	85.8	89.7	91.6	92.9	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	31.0	83.2	85.8	89.7	91.6	92.9	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	31.0	83.2	85.8	89.7	91.6	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	31.0	83.2	85.8	89.7	91.6	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	99.4
≥ 0	31.0	83.2	85.8	89.7	91.6	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.1	46.6	50.7	54.3	57.1	58.5	60.2	60.8	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.4
≥ 20000	21.5	48.2	52.8	56.7	59.9	61.4	63.3	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.4
≥ 18000	21.5	48.5	53.2	57.2	60.4	61.9	63.9	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	65.0
≥ 16000	21.5	48.5	53.2	57.2	60.4	61.9	63.9	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	65.0
≥ 14000	21.5	48.5	53.3	57.3	60.5	62.0	64.0	64.6	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.2
≥ 12000	21.6	49.5	54.4	58.5	61.7	63.2	65.2	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.5
≥ 10000	21.9	50.8	56.0	60.2	63.6	65.2	67.3	67.9	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.6
≥ 9000	21.9	50.8	56.0	60.2	63.6	65.2	67.3	67.9	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.6
≥ 8000	22.4	51.5	56.6	60.9	64.4	66.1	68.1	68.7	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.4
≥ 7000	22.4	51.6	56.8	61.1	64.6	66.3	68.3	69.0	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.6
≥ 6000	22.5	51.7	56.9	61.1	64.7	66.4	68.4	69.0	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.7
≥ 5000	22.9	52.6	57.7	62.1	65.7	67.3	69.4	70.0	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.7
≥ 4500	22.9	52.7	57.8	62.2	65.7	67.4	69.4	70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.7
≥ 4000	24.0	54.4	59.8	64.2	67.7	69.5	71.5	72.2	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.8
≥ 3500	24.9	57.0	62.5	67.0	70.7	72.4	74.4	75.1	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.7
≥ 3000	26.1	59.4	65.0	69.6	73.2	75.0	77.0	77.7	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.3
≥ 2500	27.0	61.8	67.3	72.1	75.7	77.5	79.6	80.2	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.9
≥ 2000	27.3	63.9	69.8	74.5	78.2	79.9	82.0	82.7	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.4
≥ 1800	27.4	64.6	70.6	75.4	79.0	80.8	82.9	83.6	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1500	27.7	67.3	73.5	78.6	82.3	84.0	86.1	86.8	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.6
≥ 1200	27.7	68.0	74.4	80.0	83.8	85.6	87.8	88.5	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.3
≥ 1000	27.7	68.6	75.1	81.0	84.8	86.6	89.4	90.1	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.9
≥ 900	27.7	68.9	75.6	81.8	85.7	87.7	90.4	91.1	91.1	91.6	91.8	91.8	91.8	91.8	91.8	92.0
≥ 800	27.7	69.0	75.8	82.1	86.1	88.2	91.1	91.9	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.8
≥ 700	27.7	69.0	76.0	82.3	86.2	88.3	91.3	92.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.2
≥ 600	27.7	69.0	76.1	82.6	86.8	88.9	91.9	92.9	92.9	93.6	93.9	93.9	93.9	93.9	93.9	94.1
≥ 500	27.7	69.0	76.2	82.7	87.0	89.1	92.2	93.3	93.3	94.1	94.5	94.5	94.5	94.5	94.7	94.9
≥ 400	27.7	69.0	76.2	82.7	87.1	89.2	92.3	93.6	93.6	94.4	94.9	94.9	95.0	95.0	95.2	95.4
≥ 300	27.7	69.1	76.3	82.7	87.2	89.3	92.4	93.7	93.7	94.7	95.2	95.2	95.3	95.3	95.5	95.7
≥ 200	27.7	69.1	76.3	82.7	87.2	89.3	92.5	93.8	93.8	94.8	95.4	95.4	95.6	95.6	95.8	96.2
≥ 100	27.7	69.1	76.3	82.7	87.2	89.3	92.5	93.8	93.8	94.9	95.6	95.6	96.1	96.2	96.5	97.7
≥ 0	27.7	69.1	76.3	82.7	87.2	89.3	92.5	93.8	93.8	94.9	95.6	95.6	96.1	96.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.0	68.7	69.3	69.3	70.7	72.0	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	30.0	70.0	70.7	70.7	72.0	73.3	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	30.0	70.0	70.7	70.7	72.0	73.3	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	30.0	70.0	70.7	70.7	72.0	73.3	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	30.0	70.0	70.7	70.7	72.0	73.3	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	30.0	70.0	70.7	70.7	72.0	73.3	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	30.7	70.7	71.3	71.3	72.7	74.0	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	30.7	71.3	72.0	72.0	74.0	75.3	76.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	31.3	72.7	73.3	73.3	75.3	76.7	78.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	32.0	73.3	74.0	74.0	76.0	77.3	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	33.3	75.3	76.0	76.0	78.0	79.3	80.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	34.0	78.7	80.0	80.0	82.0	83.3	84.7	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	34.0	78.7	80.0	80.0	82.0	83.3	84.7	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	34.0	80.7	82.0	82.0	84.7	86.0	87.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	34.0	83.3	86.0	86.0	88.7	90.0	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	34.0	83.3	86.0	86.0	88.7	90.0	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	34.0	83.3	86.0	86.0	88.7	90.0	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	34.0	84.0	87.3	87.3	90.0	91.3	92.7	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	34.0	84.0	87.3	87.3	90.0	91.3	92.7	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
0	34.0	84.0	87.3	87.3	90.0	91.3	93.3	94.7	94.7	96.7	96.7	96.7	97.3	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 20000	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 18000	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 16000	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 14000	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 12000	31.3	64.7	66.7	67.3	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7
≥ 10000	31.3	65.3	67.3	68.0	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	73.3
≥ 9000	31.3	65.3	67.3	68.0	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	73.3
≥ 8000	32.0	66.0	68.0	68.7	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	74.0
≥ 7000	32.0	66.0	68.0	68.7	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	74.0
≥ 6000	32.0	66.0	68.0	68.7	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	74.0
≥ 5000	32.0	66.7	68.7	69.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7
≥ 4500	32.0	66.7	68.7	69.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7
≥ 4000	32.7	68.0	70.0	70.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	76.0
≥ 3500	32.7	68.7	70.7	71.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.7
≥ 3000	33.3	70.7	72.7	73.3	76.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	79.3
≥ 2500	34.7	73.3	75.3	76.0	79.3	79.3	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	82.0
≥ 2000	35.3	75.3	77.3	78.0	81.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	84.0
≥ 1800	36.0	76.0	78.0	78.7	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.7
≥ 1500	36.0	78.0	80.7	82.0	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3	88.0
≥ 1200	36.0	79.3	83.3	84.7	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7
≥ 1000	36.0	80.7	84.7	86.0	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	92.0
≥ 900	36.0	80.7	84.7	86.0	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	92.0
≥ 800	36.0	80.7	84.7	86.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.7
≥ 700	36.0	80.7	84.7	86.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.7
≥ 600	36.0	80.7	84.7	86.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.7
≥ 500	36.0	80.7	84.7	86.0	90.0	90.0	91.3	91.3	91.3	92.7	92.7	92.7	93.3	93.3	93.3	94.0
≥ 400	36.0	80.7	84.7	86.0	90.0	90.0	92.0	92.0	92.0	93.3	93.3	93.3	94.7	94.7	94.7	95.3
≥ 300	36.0	80.7	84.7	86.0	90.0	90.0	92.0	92.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	96.0
≥ 200	36.0	80.7	84.7	86.0	90.0	90.0	92.0	92.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	96.7
≥ 100	36.0	80.7	84.7	86.0	90.0	90.0	92.0	92.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	96.7
≥ 0	36.0	80.7	84.7	86.0	90.0	90.0	92.0	92.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.7	58.0	58.7	60.7	62.0	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.0
≥ 20000	31.3	62.0	62.7	64.7	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	68.0
≥ 18000	31.3	62.7	63.3	65.3	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7
≥ 16000	31.3	62.7	63.3	65.3	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7
≥ 14000	31.3	63.3	64.0	66.0	67.3	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.3
≥ 12000	31.3	64.0	64.7	66.7	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0
≥ 10000	31.3	64.7	65.3	67.3	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 9000	31.3	64.7	65.3	67.3	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 8000	31.3	65.3	66.0	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 7000	31.3	65.3	66.0	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 6000	31.3	65.3	66.0	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
≥ 5000	32.0	66.0	66.7	68.7	70.0	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0
≥ 4500	32.0	66.0	66.7	68.7	70.0	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0
≥ 4000	32.7	66.7	67.3	69.3	70.7	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7
≥ 3500	33.3	68.0	68.7	70.7	72.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0
≥ 3000	34.0	69.3	70.0	72.0	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0
≥ 2500	34.0	72.7	73.3	75.3	76.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 2000	35.3	76.0	76.7	79.3	80.7	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0
≥ 1800	35.3	76.0	76.7	79.3	80.7	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0
≥ 1500	36.0	78.7	79.3	82.0	83.3	84.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7
≥ 1200	36.0	79.3	80.0	82.7	84.7	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.0
≥ 1000	36.0	79.3	80.7	83.3	85.3	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
≥ 900	36.0	79.3	80.7	83.3	85.3	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
≥ 800	36.0	79.3	80.7	83.3	85.3	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
≥ 700	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3
≥ 600	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	90.0
≥ 500	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	89.3	90.0	90.0	90.7	90.7	91.3	92.7
≥ 400	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	89.3	90.0	90.0	90.7	91.3	92.0	93.3
≥ 300	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	89.3	90.0	90.0	90.7	91.3	92.7	94.0
≥ 200	36.0	79.3	80.7	83.3	86.0	87.3	87.3	88.7	88.7	89.3	90.0	90.0	90.7	91.3	92.7	94.7
≥ 100	36.0	79.3	80.7	83.3	86.0	87.3	88.0	89.3	89.3	90.0	90.7	90.7	91.3	92.0	93.3	97.3
0	36.0	79.3	80.7	83.3	86.0	87.3	88.0	89.3	89.3	90.0	90.7	90.7	91.3	92.0	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

10 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	60.0	62.7	63.3	66.0	67.3	69.3	69.3	69.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	34.7	64.7	67.3	68.0	70.7	72.7	74.7	74.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	34.7	64.7	67.3	68.0	70.7	72.7	74.7	74.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	34.7	64.7	67.3	68.0	70.7	72.7	74.7	74.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	35.3	66.0	68.7	69.3	72.0	74.0	76.0	76.0	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	35.3	66.0	68.7	69.3	72.0	74.0	76.0	76.0	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	36.7	68.0	71.3	72.0	74.7	76.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	36.7	68.7	72.0	72.7	75.3	77.3	79.3	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	38.7	72.0	76.0	76.7	79.3	82.0	84.0	84.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	40.7	76.0	80.0	80.7	83.3	86.0	88.0	88.0	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	41.3	78.0	82.0	82.7	85.3	88.0	90.0	90.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	41.3	78.0	82.0	82.7	85.3	88.0	90.0	90.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	42.0	79.3	84.0	84.7	87.3	90.7	92.7	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	42.0	80.0	84.7	85.3	88.0	91.3	93.3	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	42.0	80.7	85.3	86.0	88.7	92.0	94.0	94.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	42.0	80.7	85.3	86.0	88.7	92.0	94.0	94.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	42.0	80.7	85.3	86.0	88.7	92.0	94.0	94.7	94.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	42.0	80.7	85.3	86.0	88.7	92.0	94.0	94.7	94.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	42.0	80.7	85.3	86.0	88.7	92.0	94.0	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	42.0	80.7	85.3	86.0	88.7	92.0	94.0	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.7	98.7
≥ 400	42.0	80.7	85.3	86.0	88.7	92.0	94.0	95.3	95.3	97.3	98.0	98.0	98.0	98.0	98.7	98.7
≥ 300	42.0	80.7	85.3	86.0	88.7	92.7	94.7	96.0	96.0	98.0	98.7	98.7	98.7	98.7	99.3	99.3
≥ 200	42.0	80.7	85.3	86.0	88.7	92.7	94.7	96.0	96.0	98.0	98.7	98.7	98.7	98.7	99.3	99.3
≥ 100	42.0	80.7	85.3	86.0	88.7	92.7	94.7	96.0	96.0	98.0	98.7	98.7	98.7	98.7	100.0	100.0
≥ 0	42.0	80.7	85.3	86.0	88.7	92.7	94.7	96.0	96.0	98.0	98.7	98.7	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

13 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.7	60.7	64.7	66.7	70.7	72.7	76.0	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	33.3	64.7	68.7	71.3	75.3	77.3	80.7	80.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	33.3	64.7	68.7	71.3	75.3	77.3	80.7	80.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	33.3	64.7	68.7	71.3	75.3	77.3	80.7	80.7	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	34.0	65.3	69.3	72.0	76.0	78.0	81.3	81.3	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	34.0	66.0	70.0	72.7	76.7	78.7	82.0	82.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	34.7	68.0	72.0	74.7	78.7	80.7	84.0	84.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	34.7	68.0	72.0	74.7	78.7	80.7	84.0	84.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	35.3	68.7	72.7	75.3	79.3	81.3	84.7	84.7	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	35.3	68.7	72.7	75.3	79.3	81.3	84.7	84.7	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	36.0	69.3	73.3	76.0	80.0	82.0	85.3	85.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	36.7	70.0	74.0	76.7	80.7	82.7	86.0	86.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	36.7	70.0	74.0	76.7	80.7	82.7	86.0	86.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	38.0	71.3	75.3	78.0	82.0	84.0	87.3	87.3	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	38.0	72.0	76.0	78.7	82.7	84.7	88.0	88.0	88.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	38.7	72.7	77.3	80.7	84.7	86.7	90.0	90.0	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	39.3	76.0	80.7	84.0	88.0	90.7	94.0	94.0	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	40.7	77.3	82.0	85.3	90.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	40.7	77.3	82.0	85.3	90.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	40.7	77.3	82.0	85.3	90.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	40.7	78.0	82.7	86.0	90.7	93.3	96.7	96.7	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	40.7	78.0	82.7	86.0	90.7	93.3	96.7	98.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.7	62.7	67.3	70.7	76.7	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	30.7	67.3	72.7	76.0	82.0	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	32.0	68.7	74.0	77.3	83.3	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	32.0	68.7	74.0	77.3	83.3	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	32.0	69.3	74.7	78.0	84.0	85.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	32.0	70.0	75.3	78.7	84.7	86.0	86.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	32.7	70.7	76.0	79.3	85.3	86.7	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.?	88.7	88.7
≥ 9000	32.7	70.7	76.0	79.3	85.3	86.7	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	32.7	70.7	76.0	79.3	85.3	86.7	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	32.7	70.7	76.0	79.3	85.3	86.7	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	33.3	71.3	76.7	80.0	86.0	87.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	33.3	71.3	76.7	80.0	86.0	87.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	33.3	71.3	76.7	80.0	86.0	87.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	34.0	73.3	79.3	82.7	88.7	90.0	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	35.3	75.3	81.3	84.7	90.7	92.0	92.7	93.3	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	35.3	76.0	82.0	85.3	91.3	92.7	93.3	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	36.0	78.0	84.0	88.0	94.0	95.3	96.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	36.7	79.3	85.3	89.3	95.3	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	36.7	79.3	85.3	89.3	95.3	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	36.7	79.3	85.3	89.3	95.3	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	36.7	80.0	86.0	90.0	96.0	97.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	36.7	80.0	86.0	90.0	96.0	97.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	36.7	80.0	86.0	90.0	96.0	97.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	36.7	80.0	86.0	90.0	96.0	97.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.7	80.7	86.7	90.7	96.7	98.0	98.7	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	70.0	76.0	79.3	80.0	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 20000	32.0	72.0	78.0	81.3	82.0	82.0	82.0	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	32.0	72.0	78.0	81.3	82.0	82.0	82.0	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	32.0	72.0	78.0	81.3	82.0	82.0	82.0	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	32.0	72.7	78.7	82.0	82.7	82.7	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	32.0	73.3	79.3	82.7	83.3	83.3	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	32.7	74.0	80.0	83.3	84.0	84.0	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	32.7	74.0	80.0	83.3	84.0	84.0	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	33.3	74.7	80.7	84.0	84.7	84.7	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	34.0	75.3	81.3	84.7	85.3	85.3	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	34.0	75.3	81.3	84.7	85.3	85.3	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	34.0	76.0	82.0	85.3	86.0	86.0	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	34.0	76.0	82.0	85.3	86.0	86.0	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	35.3	78.0	84.0	87.3	88.0	88.0	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	36.0	78.7	84.7	88.0	88.7	88.7	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	36.7	80.0	86.0	89.3	90.0	90.0	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	38.0	82.0	88.0	91.3	92.0	92.0	92.0	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	38.7	84.0	90.0	93.3	94.0	94.0	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	38.7	84.7	90.7	94.0	94.7	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	38.7	86.0	92.0	95.3	96.0	96.0	96.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	38.7	87.3	93.3	96.7	97.3	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	38.7	88.0	94.0	97.3	98.0	98.0	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	38.7	88.0	94.0	97.3	98.0	98.0	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	38.7	88.0	94.0	97.3	98.7	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.7	88.0	94.0	97.3	98.7	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.7	88.0	94.0	97.3	98.7	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	38.7	88.0	94.0	97.3	98.7	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

22 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	67.3	70.7	71.3	74.7	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	32.0	68.7	72.0	72.7	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	32.0	68.7	72.0	72.7	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	32.0	68.7	72.0	72.7	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	32.0	68.7	72.0	72.7	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	32.0	69.3	72.7	73.3	76.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	32.0	70.0	73.3	74.0	77.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	32.0	70.0	73.3	74.0	77.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	32.0	70.0	73.3	74.0	77.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	32.7	72.0	75.3	76.0	79.3	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	32.7	73.3	76.7	78.0	81.3	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	32.7	75.3	78.7	80.0	83.3	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	32.7	77.3	80.7	82.0	85.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	32.7	77.3	80.7	82.0	85.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	33.3	78.0	82.0	84.0	87.3	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	33.3	79.3	83.3	85.3	88.7	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	33.3	81.3	86.0	88.7	92.0	92.7	94.0	94.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	33.3	81.3	86.0	88.7	92.0	92.7	94.0	94.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	33.3	81.3	86.0	88.7	92.0	92.7	94.7	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	33.3	81.3	86.0	88.7	92.0	92.7	94.7	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	33.3	81.3	86.0	88.7	92.0	92.7	94.7	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	98.0
≥ 100	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	98.0	99.3
≥ 0	33.3	81.3	86.0	88.7	92.0	92.7	94.7	96.0	96.0	96.7	97.3	97.3	97.3	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) NOV (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.6	64.0	67.0	68.6	71.4	72.3	73.4	73.9	73.9	74.3	74.5	74.5	74.6	74.6	74.6	74.8
≥ 20000	31.9	66.8	69.8	71.5	74.3	75.3	76.4	76.9	76.9	77.3	77.5	77.5	77.6	77.6	77.6	77.8
≥ 18000	32.1	67.0	70.1	71.8	74.6	75.5	76.7	77.2	77.2	77.6	77.8	77.8	77.8	77.8	77.8	78.0
≥ 16000	32.1	67.0	70.1	71.8	74.6	75.5	76.7	77.2	77.2	77.6	77.8	77.8	77.8	77.8	77.8	78.0
≥ 14000	32.3	67.5	70.6	72.3	75.1	76.0	77.2	77.7	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.5
≥ 12000	32.3	67.9	71.0	72.7	75.5	76.4	77.6	78.1	78.1	78.5	78.8	78.8	78.8	78.8	78.8	79.0
≥ 10000	32.8	68.8	72.0	73.7	76.5	77.4	78.6	79.1	79.1	79.5	79.8	79.8	79.8	79.8	79.8	80.0
≥ 9000	32.8	68.8	72.0	73.7	76.5	77.4	78.6	79.1	79.1	79.5	79.8	79.8	79.8	79.8	79.8	80.0
≥ 8000	33.0	69.2	72.3	74.0	76.8	77.8	78.9	79.4	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.3
≥ 7000	33.1	69.3	72.4	74.1	76.9	77.8	79.0	79.5	79.5	79.9	80.2	80.2	80.3	80.3	80.3	80.4
≥ 6000	33.3	69.4	72.6	74.3	77.1	78.0	79.2	79.7	79.7	80.1	80.3	80.3	80.4	80.4	80.4	80.6
≥ 5000	33.4	69.8	73.0	74.7	77.5	78.4	79.6	80.1	80.1	80.5	80.8	80.8	80.8	80.8	80.8	81.0
≥ 4500	33.4	69.8	73.0	74.7	77.5	78.4	79.6	80.1	80.1	80.5	80.8	80.8	80.8	80.8	80.8	81.0
≥ 4000	34.0	70.8	74.1	75.8	78.7	79.6	80.8	81.3	81.3	81.7	81.9	81.9	82.0	82.0	82.0	82.2
≥ 3500	34.5	72.0	75.3	76.9	79.8	80.8	81.9	82.4	82.4	82.8	83.1	83.1	83.2	83.2	83.2	83.3
≥ 3000	35.2	73.4	76.8	78.7	81.6	82.7	83.9	84.4	84.4	84.8	85.1	85.1	85.2	85.2	85.2	85.3
≥ 2500	36.1	76.1	79.5	81.4	84.3	85.5	86.8	87.3	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.2
≥ 2000	36.8	78.3	81.8	83.8	86.8	87.9	89.2	89.8	89.8	90.2	90.4	90.4	90.5	90.5	90.5	90.7
≥ 1800	36.9	78.4	81.9	83.9	86.9	88.1	89.3	89.9	89.9	90.3	90.6	90.6	90.7	90.7	90.7	90.8
≥ 1500	37.2	79.7	83.4	85.6	88.7	89.9	91.2	91.8	91.8	92.2	92.4	92.4	92.5	92.5	92.5	92.7
≥ 1200	37.2	80.8	84.9	87.1	90.3	91.5	92.8	93.3	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.3
≥ 1000	37.2	81.3	85.6	87.8	91.0	92.3	93.6	94.3	94.3	94.8	95.2	95.2	95.3	95.3	95.3	95.4
≥ 900	37.2	81.3	85.6	87.8	91.0	92.3	93.6	94.4	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.5
≥ 800	37.2	81.4	85.8	88.0	91.3	92.6	93.9	94.8	94.8	95.3	95.7	95.7	95.8	95.8	95.8	95.9
≥ 700	37.2	81.5	85.8	88.1	91.4	92.8	94.1	94.9	94.9	95.5	95.8	95.8	95.9	95.9	95.9	96.1
≥ 600	37.2	81.5	85.8	88.1	91.4	92.8	94.2	95.1	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.4
≥ 500	37.2	81.6	85.9	88.2	91.5	92.8	94.3	95.3	95.3	96.3	96.8	96.8	96.9	96.9	97.1	97.3
≥ 400	37.2	81.6	85.9	88.2	91.5	92.8	94.3	95.3	95.3	96.4	96.8	96.8	97.1	97.2	97.3	97.6
≥ 300	37.2	81.6	85.9	88.2	91.6	93.0	94.5	95.5	95.5	96.6	97.0	97.0	97.3	97.3	97.7	97.9
≥ 200	37.2	81.6	85.9	88.2	91.6	93.0	94.5	95.5	95.5	96.6	97.0	97.0	97.3	97.3	97.7	98.2
≥ 100	37.2	81.6	85.9	88.2	91.6	93.0	94.6	95.6	95.6	96.7	97.1	97.1	97.4	97.5	98.0	98.8
≥ 0	37.2	81.6	85.9	88.2	91.6	93.0	94.6	95.6	95.6	96.7	97.1	97.1	97.4	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH) 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.5	61.3	65.8	69.0	72.9	72.9	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 20000	26.5	62.6	67.1	70.3	74.2	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 18000	26.5	62.6	67.1	70.3	74.2	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 16000	26.5	62.6	67.1	70.3	74.2	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 14000	26.5	62.6	67.1	70.3	74.2	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 12000	26.5	64.5	69.0	72.3	76.1	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 10000	27.1	65.8	70.3	73.6	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0
≥ 9000	27.1	65.8	70.3	73.6	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0
≥ 8000	27.1	67.1	71.6	74.8	78.7	78.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 7000	27.1	67.1	71.6	74.8	78.7	78.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 6000	27.1	67.1	71.6	74.8	78.7	78.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 5000	27.1	67.7	72.3	75.5	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 4500	27.1	67.7	72.3	75.5	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 4000	27.1	69.0	73.6	76.8	80.7	80.7	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2
≥ 3500	27.7	69.7	74.2	77.4	81.3	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
≥ 3000	27.7	70.3	74.8	78.1	81.9	81.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 2500	27.7	72.9	78.1	81.3	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 2000	27.7	73.6	78.7	81.9	85.8	85.8	87.7	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
≥ 1800	27.7	74.2	79.4	82.6	86.5	86.5	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 1500	27.7	74.8	80.0	83.2	87.1	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 1200	27.7	76.1	81.3	84.5	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 1000	27.7	76.1	81.3	85.2	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
≥ 900	27.7	76.8	81.9	85.8	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9
≥ 800	27.7	76.8	82.6	87.1	91.6	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 700	27.7	76.8	82.6	87.7	92.3	92.3	94.8	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5
≥ 600	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 500	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 400	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 300	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 200	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 100	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	97.4
0	27.7	76.8	82.6	88.4	92.9	92.9	95.5	95.5	95.5	96.1	96.1	96.1	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	64.5	65.8	68.4	71.0	71.0	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 20000	25.8	64.5	65.8	68.4	71.0	71.0	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 18000	25.8	64.5	65.8	68.4	71.0	71.0	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 16000	25.8	64.5	65.8	68.4	71.0	71.0	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 14000	25.8	64.5	65.8	68.4	71.0	71.0	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 12000	25.8	65.8	67.1	69.7	72.3	72.3	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 10000	25.8	66.5	67.7	70.3	72.9	72.9	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1
≥ 9000	25.8	66.5	67.7	70.3	72.9	72.9	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1
≥ 8000	25.8	67.7	69.0	71.6	74.2	74.2	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 7000	25.8	67.7	69.0	71.6	74.2	74.2	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 6000	25.8	68.4	69.7	72.3	74.8	74.8	77.4	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1
≥ 5000	25.8	69.0	70.3	72.9	75.5	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 4500	25.8	69.0	70.3	72.9	75.5	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 4000	25.8	69.7	71.0	73.6	76.1	76.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 3500	25.8	71.6	72.9	75.5	78.1	78.1	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 3000	25.8	72.9	74.2	76.8	79.4	79.4	81.9	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 2500	25.8	72.9	74.2	77.4	80.0	80.0	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2
≥ 2000	25.8	74.2	76.1	79.4	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 1800	25.8	75.5	78.1	81.3	83.9	83.9	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1
≥ 1500	25.8	76.1	78.7	82.6	85.8	85.8	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 1200	25.8	76.8	80.0	83.9	87.1	87.1	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 1000	25.8	78.1	81.3	85.2	88.4	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 900	25.8	78.1	81.3	85.8	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
≥ 800	25.8	78.1	81.3	85.8	89.0	89.7	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 700	25.8	78.1	81.3	85.8	89.0	89.7	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 600	25.8	78.1	81.3	86.5	89.7	90.3	92.9	92.9	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 500	25.8	78.7	81.9	87.1	91.0	91.6	94.2	94.2	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5
≥ 400	25.8	78.7	82.6	87.7	91.6	92.3	94.8	94.8	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 300	25.8	78.7	82.6	87.7	91.6	92.3	94.8	94.8	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 200	25.8	78.7	82.6	87.7	91.6	92.3	94.8	94.8	94.8	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 100	25.8	78.7	82.6	87.7	91.6	92.3	94.8	94.8	94.8	96.1	96.1	96.1	97.4	97.4	97.4	97.4
0	25.8	78.7	82.6	87.7	91.6	92.3	94.8	94.8	94.8	96.1	96.1	96.1	97.4	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH) 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	55.5	60.7	61.9	63.2	63.2	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	29.0	58.1	63.2	64.5	65.8	65.8	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	69.0
≥ 18000	29.0	58.7	63.9	65.2	66.5	66.5	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.7
≥ 16000	29.0	58.7	63.9	65.2	66.5	66.5	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.7
≥ 14000	29.7	60.0	65.2	66.5	67.7	67.7	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.0
≥ 12000	29.7	61.3	66.5	67.7	69.0	69.0	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 10000	29.7	61.3	66.5	67.7	69.0	69.0	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 9000	29.7	61.3	66.5	67.7	69.0	69.0	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 8000	30.3	63.9	69.0	70.3	71.6	71.6	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8
≥ 7000	30.3	63.9	69.0	70.3	71.6	71.6	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8
≥ 6000	30.3	64.5	70.3	71.6	72.9	72.9	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 5000	30.3	64.5	70.3	71.6	72.9	72.9	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 4500	30.3	64.5	70.3	71.6	72.9	72.9	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 4000	30.3	64.5	70.3	71.6	72.9	72.9	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 3500	30.3	65.8	71.6	72.9	74.2	74.2	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	77.4
≥ 3000	30.3	67.1	72.9	74.2	75.5	75.5	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 2500	30.3	69.0	74.8	76.1	77.4	77.4	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.9
≥ 2000	31.0	72.9	78.7	80.0	81.9	81.9	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 1800	31.0	73.6	80.0	81.3	83.2	83.2	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7
≥ 1500	31.0	74.2	80.7	81.9	85.2	85.2	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 1200	31.0	74.8	81.3	82.6	86.5	86.5	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 1000	31.0	75.5	83.2	84.5	88.4	88.4	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 900	31.0	75.5	83.2	85.2	89.0	89.0	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 800	31.0	75.5	83.2	85.2	89.7	89.7	94.2	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 700	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 600	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 500	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 400	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 200	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 100	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
0	31.0	75.5	83.9	85.8	90.3	90.3	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

10 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	55.5	56.8	61.3	62.6	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	65.2	65.2	65.2
≥ 20000	29.7	61.3	63.2	67.7	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 18000	29.7	61.3	63.2	67.7	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 16000	29.7	61.3	63.2	67.7	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 14000	29.7	61.3	63.2	67.7	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 12000	29.7	63.9	66.5	71.0	72.9	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5
≥ 10000	29.7	65.2	67.7	72.3	74.2	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8
≥ 9000	30.3	65.8	68.4	72.9	74.8	75.5	76.1	76.1	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4
≥ 8000	30.3	67.1	69.7	74.2	76.1	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.7	78.7	78.7
≥ 7000	31.0	67.7	70.3	74.8	76.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4
≥ 6000	31.0	67.7	70.3	74.8	76.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4
≥ 5000	31.6	68.4	71.0	75.5	77.4	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	80.0	80.0	80.0
≥ 4500	31.6	69.0	71.6	76.1	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7
≥ 4000	31.6	69.0	71.6	76.1	78.1	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7
≥ 3500	32.3	70.3	72.9	77.4	79.4	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9
≥ 3000	32.9	71.6	74.2	78.7	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2
≥ 2500	32.9	72.3	74.8	80.0	81.9	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8
≥ 2000	32.9	72.9	75.5	82.6	84.5	85.8	87.1	87.1	87.1	88.4	88.4	88.4	88.4	89.0	89.0	89.0
≥ 1800	32.9	72.9	75.5	82.6	84.5	85.8	87.1	87.1	87.1	88.4	88.4	88.4	88.4	89.0	89.0	89.0
≥ 1500	34.2	74.8	79.4	86.5	88.4	89.7	91.0	91.0	91.0	92.9	92.9	92.9	92.9	93.6	93.6	93.6
≥ 1200	34.2	75.5	80.0	87.1	89.0	90.3	91.6	92.3	92.3	94.2	94.2	94.2	94.2	94.8	94.8	94.8
≥ 1000	34.2	76.8	81.3	88.4	90.3	91.6	92.9	93.6	93.6	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 900	34.2	76.8	81.3	88.4	90.3	91.6	92.9	93.6	93.6	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 800	34.2	76.8	81.3	88.4	90.3	91.6	92.9	93.6	93.6	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 700	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 600	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 500	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	96.8	97.4	97.4	98.1
≥ 400	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	97.4	98.1	98.1	98.7
≥ 300	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	98.1	98.7	98.7	99.4
≥ 200	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	98.1	98.7	98.7	99.4
≥ 100	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	98.1	98.7	98.7	100.0
≥ 0	34.2	76.8	81.3	88.4	90.3	91.6	93.6	94.2	94.2	96.8	96.8	96.8	98.1	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.5	49.0	55.5	59.4	65.2	67.1	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	29.0	54.2	61.9	65.8	72.3	74.2	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	29.0	54.2	61.9	65.8	72.3	74.2	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	29.0	54.2	61.9	65.8	72.3	74.2	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	29.7	55.5	63.2	67.1	73.6	75.5	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	30.3	57.4	65.2	69.0	75.5	77.4	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	31.0	59.4	67.7	71.6	78.1	80.0	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	31.0	59.4	67.7	71.6	78.1	80.0	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	31.0	60.0	68.4	72.3	78.7	80.7	81.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	31.0	60.0	68.4	72.3	78.7	80.7	81.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	31.0	60.7	69.0	72.9	79.4	81.3	82.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	31.0	60.7	69.0	72.9	79.4	81.3	82.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	31.0	61.3	69.7	73.6	80.0	81.9	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	31.0	61.9	70.3	74.2	80.7	82.6	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	31.6	63.2	71.6	75.5	81.9	83.9	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	32.3	66.5	74.8	78.7	85.2	87.1	88.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	32.3	66.5	74.8	79.4	85.8	87.7	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	32.9	68.4	76.8	81.3	87.7	89.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	32.9	68.4	76.8	81.3	87.7	89.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	32.9	69.7	78.7	83.2	89.7	91.6	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	32.9	69.7	78.7	83.9	90.3	92.3	93.6	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	32.9	69.7	78.7	83.9	90.3	92.9	94.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	32.9	69.7	78.7	83.9	90.3	92.9	94.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.9	70.3	79.4	84.5	91.0	93.6	95.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.2	47.1	52.9	60.7	65.2	65.2	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	26.5	54.8	61.3	69.0	74.2	74.2	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	26.5	54.8	61.3	69.0	74.2	74.2	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	26.5	54.8	61.3	69.0	74.2	74.2	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	27.7	56.1	62.6	70.3	75.5	75.5	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	29.0	58.7	65.2	72.9	78.1	78.1	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	29.0	61.3	67.7	75.5	80.7	80.7	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	29.0	61.3	67.7	75.5	80.7	80.7	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	29.7	62.6	69.0	76.8	81.9	81.9	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	29.7	63.2	69.7	77.4	82.6	82.6	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	29.7	63.2	69.7	77.4	82.6	82.6	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	29.7	64.5	71.0	78.7	83.9	83.9	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	29.7	64.5	71.0	78.7	84.5	84.5	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	29.7	65.2	71.6	79.4	85.2	85.2	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	29.7	65.2	71.6	80.0	85.8	85.8	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	29.7	67.7	74.2	82.6	88.4	88.4	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	29.7	67.7	74.2	82.6	88.4	88.4	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	29.7	69.0	75.5	83.9	90.3	90.3	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	29.7	69.0	75.5	83.9	90.3	90.3	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	29.7	70.3	76.8	85.2	91.6	91.6	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	29.7	71.0	78.1	86.5	92.9	92.9	97.4	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.7	61.3	62.6	68.4	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	29.7	63.9	65.8	72.3	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 18000	29.7	63.9	65.8	72.3	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 16000	29.7	63.9	65.8	72.3	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 14000	30.3	64.5	66.5	72.9	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1
≥ 12000	30.3	66.5	68.4	74.8	76.1	76.1	77.4	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1
≥ 10000	31.0	70.3	72.3	78.7	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 9000	31.0	70.3	72.3	78.7	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 8000	31.0	72.3	74.2	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
≥ 7000	31.0	72.3	74.2	80.7	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 6000	31.0	72.3	74.2	80.7	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 5000	31.0	72.9	74.8	81.3	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 4500	31.0	73.6	75.5	81.9	83.9	83.9	85.2	85.2	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5
≥ 4000	31.0	74.2	76.1	82.6	84.5	84.5	85.8	85.8	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1
≥ 3500	31.6	74.8	76.8	83.2	85.2	85.2	86.5	86.5	86.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 3000	32.3	76.1	78.1	84.5	86.5	86.5	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 2500	32.3	76.8	78.7	85.2	87.1	87.1	88.4	88.4	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 2000	32.3	77.4	79.4	86.5	88.4	88.4	89.7	89.7	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 1800	32.3	77.4	79.4	86.5	88.4	88.4	89.7	89.7	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 1500	32.3	80.7	82.6	89.7	91.6	91.6	92.9	92.9	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 1200	32.9	81.9	83.9	91.0	92.9	92.9	94.2	94.2	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5
≥ 1000	32.9	82.6	84.5	91.6	94.2	94.2	95.5	95.5	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4
≥ 900	32.9	83.2	85.2	92.3	94.8	94.8	96.1	96.1	96.1	96.8	97.4	97.4	98.1	98.1	98.1	98.1
≥ 800	32.9	83.9	85.8	92.9	95.5	95.5	96.8	96.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98.7
≥ 700	32.9	84.5	86.5	93.6	96.1	96.1	97.4	97.4	97.4	98.1	98.7	98.7	99.4	99.4	99.4	99.4
≥ 600	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 500	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 400	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0
≥ 0	32.9	84.5	86.5	94.2	96.8	96.8	98.1	98.1	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.7	63.9	67.1	71.0	72.3	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.8	74.8	74.8
≥ 20000	29.7	65.8	69.0	72.9	74.2	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8
≥ 18000	29.7	65.8	69.0	72.9	74.2	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8
≥ 16000	29.7	67.1	70.3	74.2	75.5	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	78.1	78.1	78.1
≥ 14000	29.7	67.1	70.3	74.2	75.5	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	78.1	78.1	78.1
≥ 12000	31.0	68.4	71.6	75.5	76.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4
≥ 10000	32.9	72.3	75.5	79.4	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2
≥ 9000	32.9	72.3	75.5	79.4	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2
≥ 8000	32.9	72.9	76.1	80.0	81.3	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.9	83.9	83.9
≥ 7000	32.9	72.9	76.1	80.0	81.3	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.9	83.9	83.9
≥ 6000	32.9	72.9	76.8	80.7	81.9	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5
≥ 5000	32.9	73.6	77.4	81.3	82.6	83.2	83.9	83.9	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2
≥ 4500	32.9	73.6	77.4	81.3	82.6	83.2	83.9	83.9	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2
≥ 4000	32.9	74.2	78.1	81.9	83.2	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8
≥ 3500	32.9	74.2	78.1	81.9	83.2	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8
≥ 3000	32.9	74.8	78.7	82.6	83.9	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	86.5	86.5	86.5
≥ 2500	32.9	76.1	80.0	83.9	85.2	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7
≥ 2000	32.9	76.8	80.7	85.2	86.5	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	89.0	89.0	89.0
≥ 1800	32.9	78.1	81.9	86.5	87.7	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	90.3	90.3	90.3
≥ 1500	33.6	78.7	83.2	87.7	89.7	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6	92.3	92.3	92.3
≥ 1200	33.6	80.0	84.5	89.0	91.0	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6
≥ 1000	33.6	80.7	85.2	91.0	92.9	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	95.5	95.5	95.5
≥ 900	33.6	80.7	85.2	91.0	92.9	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	95.5	95.5	95.5
≥ 800	33.6	81.3	85.8	91.6	93.6	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 700	33.6	81.3	85.8	91.6	93.6	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 600	33.6	81.3	85.8	92.3	94.2	94.8	95.5	95.5	95.5	97.4	97.4	97.4	97.4	98.1	98.1	98.1
≥ 500	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7
≥ 400	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4
≥ 300	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4
≥ 200	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4
≥ 100	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4
≥ 0	33.6	81.3	85.8	92.3	94.2	94.8	95.5	96.1	96.1	98.7	98.7	98.7	98.7	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	57.3	60.9	65.0	67.7	68.2	69.9	70.3	70.3	70.7	70.7	70.7	70.8	71.0	71.0	71.0
≥ 20000	28.2	60.7	64.7	68.9	71.9	72.3	74.0	74.4	74.4	74.8	74.8	74.8	75.0	75.2	75.2	75.2
≥ 18000	28.2	60.7	64.8	69.0	71.9	72.3	74.1	74.5	74.5	74.8	74.8	74.8	75.1	75.2	75.2	75.3
≥ 16000	28.2	60.9	64.9	69.1	72.1	72.5	74.3	74.7	74.7	75.0	75.0	75.0	75.2	75.4	75.4	75.5
≥ 14000	28.6	61.5	65.5	69.7	72.7	73.1	74.8	75.2	75.2	75.6	75.6	75.6	75.8	76.0	76.0	76.1
≥ 12000	29.0	63.3	67.4	71.6	74.6	75.0	76.8	77.2	77.2	77.5	77.5	77.5	77.7	77.9	77.9	78.0
≥ 10000	29.5	65.2	69.4	73.6	76.6	77.0	78.8	79.2	79.2	79.5	79.5	79.5	79.8	79.9	79.9	80.0
≥ 9000	29.6	65.3	69.5	73.7	76.7	77.1	78.9	79.3	79.3	79.6	79.6	79.6	79.8	80.0	80.0	80.1
≥ 8000	29.8	66.7	70.9	75.1	78.1	78.5	80.2	80.7	80.7	81.1	81.1	81.1	81.3	81.5	81.5	81.5
≥ 7000	29.8	66.9	71.1	75.2	78.3	78.7	80.5	81.0	81.0	81.3	81.3	81.3	81.5	81.7	81.7	81.8
≥ 6000	29.8	67.1	71.5	75.7	78.7	79.1	80.9	81.4	81.4	81.7	81.7	81.7	81.9	82.1	82.1	82.2
≥ 5000	29.9	67.7	72.0	76.2	79.3	79.7	81.5	81.9	81.9	82.3	82.3	82.3	82.5	82.7	82.7	82.7
≥ 4500	29.9	67.9	72.3	76.5	79.6	80.0	81.8	82.3	82.3	82.7	82.7	82.7	82.9	83.1	83.1	83.2
≥ 4000	29.9	68.5	72.8	77.0	80.2	80.6	82.3	82.8	82.8	83.2	83.2	83.2	83.5	83.6	83.6	83.7
≥ 3500	30.2	69.4	73.7	78.0	81.1	81.5	83.3	83.8	83.8	84.2	84.2	84.2	84.4	84.6	84.6	84.7
≥ 3000	30.5	70.9	75.2	79.5	82.7	83.1	84.8	85.3	85.3	85.7	85.7	85.7	86.0	86.1	86.1	86.2
≥ 2500	30.5	71.8	76.2	80.7	83.9	84.4	86.4	86.9	86.9	87.3	87.3	87.3	87.5	87.7	87.7	87.7
≥ 2000	30.7	73.2	77.7	82.6	85.9	86.4	88.4	89.0	89.0	89.4	89.4	89.4	89.7	89.8	89.8	89.9
≥ 1800	30.7	73.6	78.3	83.2	86.5	87.0	89.0	89.6	89.6	90.1	90.1	90.1	90.3	90.5	90.5	90.6
≥ 1500	30.9	74.9	80.0	85.0	88.6	89.1	91.2	91.8	91.8	92.4	92.4	92.4	92.7	92.8	92.8	92.9
≥ 1200	31.0	75.7	81.0	86.1	89.8	90.2	92.3	93.0	93.0	93.6	93.6	93.6	93.9	94.0	94.0	94.1
≥ 1000	31.0	76.3	81.7	87.0	90.9	91.5	93.7	94.4	94.4	95.0	95.1	95.1	95.3	95.5	95.5	95.6
≥ 900	31.0	76.5	81.9	87.3	91.2	91.8	94.0	94.7	94.7	95.4	95.5	95.5	95.7	95.9	95.9	96.0
≥ 800	31.0	76.7	82.2	87.7	91.7	92.3	94.8	95.5	95.5	96.5	96.6	96.6	96.9	97.0	97.0	97.1
≥ 700	31.0	76.8	82.3	88.0	91.9	92.6	95.1	95.8	95.8	96.9	96.9	96.9	97.2	97.3	97.3	97.4
≥ 600	31.0	76.8	82.3	88.3	92.3	92.9	95.4	96.1	96.1	97.3	97.4	97.4	97.7	97.8	97.8	97.9
≥ 500	31.0	76.9	82.4	88.4	92.4	93.1	95.6	96.4	96.4	97.7	97.7	97.7	98.0	98.2	98.2	98.3
≥ 400	31.0	76.9	82.5	88.5	92.5	93.2	95.7	96.5	96.5	97.9	98.0	98.0	98.3	98.5	98.5	98.6
≥ 300	31.0	76.9	82.5	88.5	92.5	93.2	95.7	96.5	96.5	98.0	98.1	98.1	98.5	98.6	98.6	98.8
≥ 200	31.0	76.9	82.5	88.5	92.5	93.2	95.7	96.5	96.5	98.0	98.1	98.1	98.6	98.7	98.7	98.9
≥ 100	31.0	76.9	82.5	88.5	92.5	93.2	95.7	96.5	96.5	98.0	98.1	98.1	98.6	98.8	98.8	99.0
0	31.0	76.9	82.5	88.5	92.5	93.2	95.7	96.5	96.5	98.0	98.1	98.1	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) ALL (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	52.3	55.7	58.4	60.1	60.5	61.2	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9
≥ 20000	22.6	54.5	58.1	60.9	62.7	63.2	64.0	64.2	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.7
≥ 18000	22.6	54.6	58.2	61.0	62.9	63.4	64.1	64.4	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.8
≥ 16000	22.6	54.6	58.3	61.1	63.0	63.4	64.2	64.4	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9
≥ 14000	22.8	54.9	58.5	61.4	63.2	63.7	64.5	64.7	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2
≥ 12000	23.0	55.7	59.4	62.3	64.2	64.6	65.4	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 10000	23.5	57.0	60.8	63.7	65.7	66.2	66.9	67.2	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.7
≥ 9000	23.5	57.1	60.9	63.8	65.7	66.2	67.0	67.3	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.8
≥ 8000	23.8	57.9	61.7	64.7	66.6	67.1	67.9	68.2	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.7
≥ 7000	23.9	58.2	62.0	65.0	67.0	67.5	68.3	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.1
≥ 6000	24.0	58.4	62.2	65.2	67.2	67.7	68.5	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.3
≥ 5000	24.3	59.2	63.1	66.1	68.0	68.6	69.4	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.1	70.1
≥ 4500	24.4	59.4	63.4	66.4	68.3	68.9	69.7	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.4	70.4
≥ 4000	25.2	61.3	65.3	68.3	70.3	70.8	71.6	71.9	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.4
≥ 3500	25.9	63.3	67.3	70.4	72.4	72.9	73.7	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.5
≥ 3000	26.6	65.4	69.4	72.6	74.6	75.1	75.9	76.3	76.3	76.5	76.6	76.6	76.6	76.7	76.7	76.7
≥ 2500	27.3	67.7	71.8	75.1	77.1	77.7	78.5	78.8	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.3
≥ 2000	27.8	69.9	74.3	77.7	79.9	80.4	81.3	81.6	81.7	81.9	81.9	81.9	82.0	82.1	82.1	82.1
≥ 1800	27.9	70.7	75.2	78.6	80.8	81.3	82.2	82.5	82.5	82.8	82.8	82.8	82.9	82.9	82.9	83.0
≥ 1500	28.3	73.4	78.2	82.0	84.3	84.9	85.8	86.1	86.1	86.4	86.4	86.4	86.5	86.6	86.6	86.6
≥ 1200	28.5	75.3	80.5	84.5	86.9	87.6	88.5	88.8	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.4
≥ 1000	28.6	77.1	82.7	87.1	89.9	90.7	91.7	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.7
≥ 900	28.6	77.7	83.4	87.9	90.8	91.6	92.7	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.7
≥ 800	28.6	78.1	83.9	88.5	91.5	92.5	93.7	94.1	94.2	94.5	94.6	94.6	94.7	94.7	94.8	94.8
≥ 700	28.6	78.4	84.3	89.0	92.1	93.1	94.4	94.9	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.6
≥ 600	28.6	78.6	84.6	89.5	92.7	93.8	95.1	95.6	95.7	96.1	96.2	96.2	96.3	96.4	96.4	96.5
≥ 500	28.6	78.7	84.8	89.7	93.1	94.2	95.5	96.2	96.2	96.8	96.9	96.9	97.0	97.1	97.1	97.2
≥ 400	28.6	78.7	84.8	89.9	93.3	94.4	95.9	96.6	96.7	97.3	97.5	97.5	97.6	97.7	97.7	97.8
≥ 300	28.6	78.7	84.9	89.9	93.4	94.5	96.0	96.8	96.9	97.6	97.8	97.8	98.0	98.1	98.2	98.3
≥ 200	28.6	78.7	84.9	89.9	93.4	94.6	96.1	96.9	96.9	97.7	98.0	98.0	98.3	98.4	98.5	98.7
≥ 100	28.6	78.7	84.9	89.9	93.4	94.6	96.1	96.9	97.0	97.8	98.1	98.1	98.5	98.6	98.8	99.3
0	28.6	78.7	84.9	89.9	93.4	94.6	96.1	96.9	97.0	97.8	98.1	98.1	98.6	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14607

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

SKY COVER

93101	EL TORO, CALIFORNIA	73-77	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	01	43.5	8.4	7.1	5.2	4.5	3.2	1.9	2.6	5.8	1.3	16.2	3.2	154
	04	43.9	9.7	5.2	3.9	1.9	.6	5.2	6.5	4.5	4.5	14.2	3.4	155
	07	17.4	13.5	12.3	8.4	5.2	4.5	5.8	9.7	3.9	4.5	14.8	4.3	155
	10	20.6	11.6	9.7	4.5	5.8	4.5	3.9	5.8	9.7	5.8	18.1	4.6	155
	13	20.0	9.7	6.5	8.4	2.6	3.2	8.4	8.4	8.4	7.7	16.8	4.9	155
	16	16.8	11.6	9.0	7.1	4.5	7.1	3.9	6.5	8.4	3.9	21.3	4.9	155
	19	32.3	8.4	5.8	10.3	5.8	2.6	3.2	3.9	7.7	1.3	18.7	3.9	155
	22	38.1	8.4	8.4	6.5	2.6	5.2	3.9	3.9	1.3	5.2	16.8	3.6	155
TOTALS		29.1	10.2	8.0	6.8	4.1	3.9	4.5	5.9	6.2	4.3	17.1	4.1	1239

NAVWEASERVCOM

5704 SKY COVER JAN 68

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SKY COVER

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	01	38.3	2.8	9.9	3.5	7.1	2.8	1.4	3.5	4.3	5.7	20.6	4.0	141
	04	34.8	8.5	5.0	5.7	2.1	2.1		2.8	8.5	5.0	25.5	4.4	141
	07	15.6	8.5	7.1	7.8	2.1	7.1	2.1	5.7	10.6	7.8	25.5	5.5	141
	10	19.1	7.8	6.4	5.0	3.5	3.5	5.0	7.8	8.5	9.2	24.1	5.4	141
	13	18.4	5.7	5.7	7.1	5.7	2.8	5.7	8.5	9.2	9.2	22.0	5.5	141
	16	22.0	4.3	7.8	6.4	3.5	5.0	3.5	7.1	12.8	9.2	18.4	5.2	141
	19	22.0	9.9	13.5	12.1	2.1	2.1	4.3	7.8	5.7	2.8	17.7	4.2	141
	22	34.8	8.5	5.7	4.3	3.5	4.3	6.4	4.3	5.0	2.8	20.6	4.1	141
TOTALS		25.6	7.0	7.6	6.5	3.7	3.7	3.6	5.9	8.1	6.5	21.8	4.8	1128

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SKY COVER

93101 EL TORO, CALIFORNIA 73-77 MAR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	01	38.7	3.9	6.5	3.9	2.6	1.3	3.9	3.2	6.5	4.5	25.2	4.3	155
	04	36.8	3.2	3.9	5.8	5.8	1.3	1.9	5.2	5.8	4.5	25.8	4.5	155
	07	23.9	9.7	3.9	3.9	2.6	6.5	3.2	5.8	9.7	4.5	26.5	5.1	155
	10	21.3	5.2	3.9	5.2	5.2	2.6	5.8	9.0	9.7	7.1	25.2	5.5	155
	13	14.8	7.7	5.2	5.2	6.5	5.8	5.2	7.7	13.5	10.3	18.1	5.6	155
	16	18.1	7.7	3.9	5.2	7.7	5.2	8.4	8.4	11.0	7.7	16.8	5.2	155
	19	25.8	7.7	5.2	6.5	7.1	5.2	5.2	6.5	6.5	9.0	15.5	4.6	155
	22	38.7	5.2	6.5	7.7	2.6	1.3		4.5	5.2	3.2	25.2	4.1	155
TOTALS		27.3	6.3	4.9	5.4	5.0	3.7	4.2	6.3	8.5	6.4	22.3	4.9	1240

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SKY COVER

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	01	43.3	5.3	3.3	2.7	4.7	1.3	2.7	3.3	4.7	2.0	26.7	4.1	150
	04	34.0	3.3	6.7	2.0	4.0	2.0	2.7	1.3	8.0	4.0	32.0	4.9	150
	07	20.7	6.0	4.0	6.0	6.0	3.3	3.3	8.7	4.7	6.0	31.3	5.6	150
	10	20.0	8.7	8.7	8.7	2.7	4.7	4.0	6.0	8.7	6.7	21.3	4.9	150
	13	27.3	5.3	13.3	4.0	2.7	7.3	3.3	4.0	10.7	8.7	13.3	4.4	150
	16	28.0	10.0	9.3	8.7	6.7	6.0	1.3	5.3	6.0	4.7	14.0	3.9	150
	19	33.3	8.7	7.3	8.0	6.0	3.3	2.7	6.7	5.3	2.7	16.0	3.8	150
	22	47.3	2.0	5.3	5.3	1.3	3.3	2.7	1.3	4.7	4.0	22.7	3.8	150
TOTALS		31.7	6.2	7.2	5.7	4.3	3.9	2.8	4.6	6.6	4.9	22.2	4.4	1200

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5704 SKY COVER JAN 68

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SKY COVER

93101 EL TORO, CALIFORNIA 73-77 MAY

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	01	23.2	1.9	3.9	3.2		1.3	1.3	.6	1.3	3.2	60.0	6.8	155
	04	14.2	1.9	3.9	.6	2.6	1.9	1.9	4.5	3.2	3.9	61.3	7.5	155
	07	8.4	1.9	3.9	.6	1.3	1.3	4.5	4.5	3.9	4.5	65.2	8.1	155
	10	10.3	12.9	6.5	5.2	5.2	5.2	3.9	6.5	4.5	9.7	30.3	5.8	155
	13	23.2	10.3	7.7	6.5	5.2	4.5	3.9	6.5	7.7	4.5	20.0	4.6	155
	16	27.7	9.0	12.9	6.5	.6	3.2	3.2	7.1	9.0	2.6	18.1	4.2	155
	19	22.6	7.1	6.5	11.0	5.2	1.3	3.9	4.5	6.5	5.8	25.8	5.0	155
	22	26.5	3.2	5.2	3.2	2.6	1.9	2.6	3.2	4.5		47.1	5.9	155
TOTALS		19.5	6.0	6.3	4.6	2.8	2.6	3.2	4.7	5.1	4.3	41.0	6.0	1240

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5704 SKY COVER JAN 68

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SKY COVER

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93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	01	31.3	3.3	4.7				2.0	.7	4.0	.7	53.3	6.0	150
	04	20.0	.7	.7	1.3	3.3	.7	1.3	2.0	3.3	3.3	63.3	7.3	150
	07	14.0	4.7	1.3	1.3	3.3	1.3	.7	2.0	2.7	4.0	64.7	7.5	150
	10	22.7	11.3	10.0	4.0	4.0	6.7	2.7	4.0	6.7	4.0	24.0	4.7	150
	13	38.0	10.7	10.0	6.7	4.7	4.7	3.3	4.0	4.0	4.7	9.3	3.1	150
	16	42.0	14.7	10.7	2.7	4.7	2.7	2.0	2.7	6.0	3.3	8.7	2.7	150
	19	37.3	7.3	14.0	6.7	4.0	2.0	4.7	2.7	7.3	1.3	12.7	3.3	150
	22	39.3	2.7	7.3	2.0	2.0	.7		1.3	2.7	3.3	38.7	4.8	150
TOTALS		30.6	6.9	7.3	3.1	3.3	2.4	2.1	2.4	4.6	3.1	34.3	4.9	1200

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SKY COVER

2

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	29.0	1.3	3.2	6.5	1.9	1.3	3.2	2.6	1.9	1.9	47.1	5.8	155
	04	19.4	1.3	3.2	3.9	2.6		3.2	2.6	1.9	2.6	59.4	7.0	155
	07	11.6	2.6	2.6	3.9	1.3	4.5	.6	6.5	5.8	7.7	52.9	7.4	155
	10	30.3	14.8	17.4	2.6	5.8	2.6	1.3	6.5	3.2	3.2	12.3	3.2	155
	13	45.2	13.5	8.4	11.6	3.2	2.6	1.3	5.2	3.2	1.3	4.5	2.2	155
	16	49.7	14.8	6.5	7.7	5.2	2.6	1.3	3.2	3.9	2.6	2.6	1.9	155
	19	43.2	12.9	10.3	5.8	5.2	3.2	2.6	4.5	5.8	3.2	3.2	2.4	155
	22	38.7	6.5	8.4	6.5	1.3	3.2	3.2	4.5	3.9	1.3	22.6	3.8	155
TOTALS		33.4	8.5	7.5	6.1	3.3	2.5	2.1	4.5	3.7	3.0	25.6	4.2	1240

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2

SKY COVER

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01	32.9	2.6	5.2	3.2	4.5	1.3	2.6	2.6	3.2	.6	41.3	5.3	155
	04	19.4	.6	3.2	1.3	1.9	1.9	.6	3.2	3.9	1.3	62.6	7.2	155
	07	9.7	4.5	4.5	1.9	.6	.6	.6	4.5	5.8	4.5	62.6	7.7	155
	10	28.4	14.2	16.1	6.5	5.2	4.5	2.6	3.9	4.5	3.2	11.0	3.3	155
	13	45.2	17.4	14.2	5.8	4.5	1.9	1.9	2.6	2.6	1.3	2.6	1.8	155
	16	47.7	20.0	13.5	5.2	3.2	1.9	1.3	1.9	2.6	.6	1.9	1.5	155
	19	43.9	14.8	14.2	6.5	3.9	3.9	.6	2.6	3.9	1.3	4.5	2.1	155
	22	54.8	6.5	3.2	3.9	3.2	.6	3.2	1.9	.6	1.3	20.6	3.0	155
TOTALS		35.3	10.1	9.3	4.3	3.4	2.1	1.7	2.9	3.4	1.8	25.9	4.0	1240

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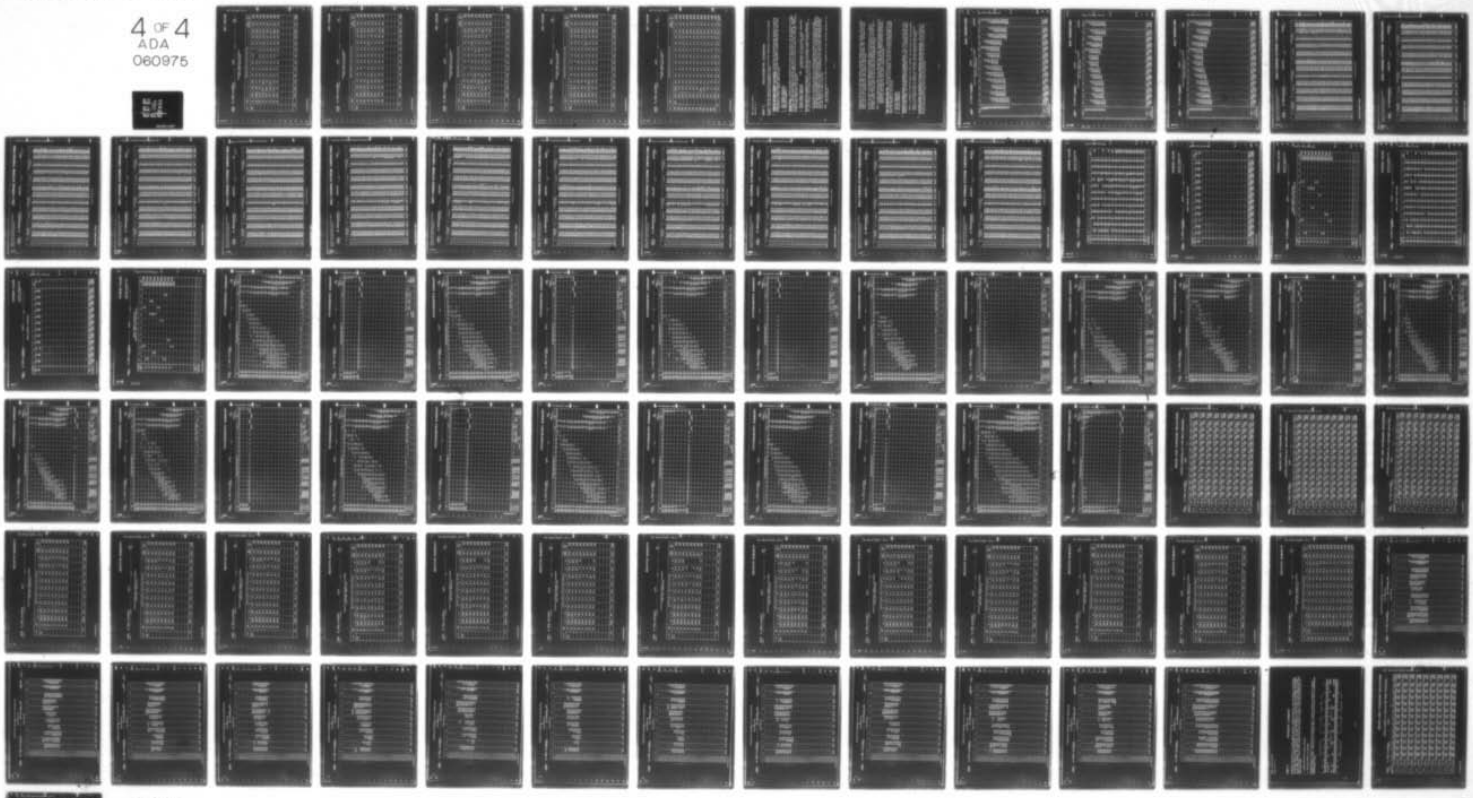
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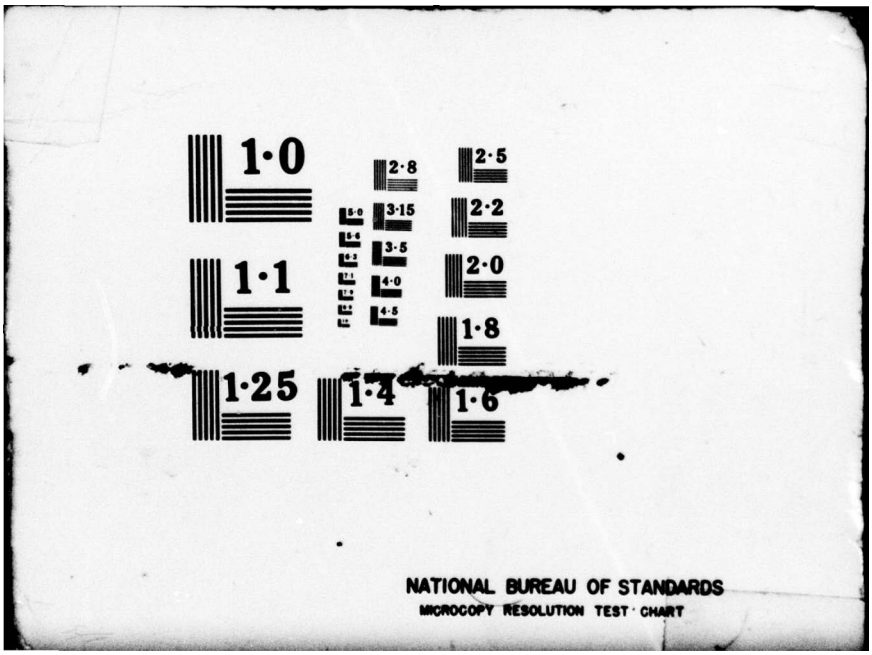
AD-A060 975 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) EL TORO,--ETC(U)
JUL 78

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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

SKY COVER

93101 EL TORO, CALIFORNIA 73-77 SEP

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	01	29.3	5.3	2.0	5.3	2.0	3.3	1.3	.7	2.7	2.0	46.0	3.6	150
	04	20.0	3.3	2.7	4.0	4.7	2.0		.7	4.0	2.0	56.7	6.7	150
	07	10.7	7.3	4.0	3.3	2.7	2.7	2.0	2.0	1.3	3.3	60.7	7.2	150
	10	17.3	14.7	10.0	2.0	6.7	4.0	3.3	7.3	3.3	4.0	27.3	4.9	150
	13	28.7	20.0	9.3	6.7	3.3	2.7	2.7	4.0	4.0	2.7	16.0	3.5	150
	16	34.7	16.0	10.7	4.0	4.7	1.3	1.3	2.0	4.0	6.7	14.7	3.4	150
	19	40.0	12.7	3.3	3.3	1.3	2.7	1.3	6.0	5.3	4.0	20.0	3.8	150
	22	39.3	6.7	7.3	1.3	2.7	2.0	.7	2.7	3.3	3.3	30.7	4.3	150
TOTALS		27.5	10.8	6.2	3.7	3.5	2.6	1.6	3.2	3.5	3.5	34.0	4.9	1200

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SKY COVER

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	36.1	3.2	1.9	3.2	2.6	3.2	2.6	3.9	5.8	1.9	35.5	5.0	155
	04	30.3	6.5	1.9	4.5	2.6	1.9	2.6	1.3	3.2	2.6	42.6	5.4	155
	07	20.0	5.8	4.5	1.3	.6	4.5	2.6	5.8	9.0	7.1	38.7	6.2	155
	10	23.2	4.5	10.3	8.4	5.2	5.8	3.2	4.5	10.3	7.1	15.5	4.8	155
	13	26.5	8.4	8.4	12.3	5.8	7.7	3.9	5.2	7.1	4.5	10.3	3.8	155
	16	36.1	7.7	9.0	9.7	7.7	3.9	1.9	4.5	7.1	4.5	7.7	3.2	155
	19	48.4	8.4	5.8	4.5	1.9	1.3	4.5	1.3	6.5	3.2	14.2	3.1	155
	22	41.3	5.2	7.1	3.9	4.5	2.6	3.2	1.9	3.9	2.6	23.9	3.9	155
TOTALS		32.7	6.5	6.1	6.0	3.9	3.9	3.1	3.6	6.6	4.2	23.6	4.4	1240

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SKY COVER

93101 EL TORO, CALIFORNIA 73-77 NOV

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	50.0	4.0	5.3	6.7	4.7	1.3	1.3	4.7	2.7	1.3	18.0	3.1	150
	04	50.7	6.7	2.7	6.7	.7	.7	2.0	3.3	4.7	2.7	19.3	3.3	150
	07	27.3	8.7	8.0	6.7	2.7	2.0	1.3	7.3	12.0	5.3	18.7	4.6	150
	10	27.3	8.7	6.0	10.0	3.3	4.0	2.7	10.7	8.7	6.7	12.0	4.2	150
	13	26.0	9.3	12.0	9.3	6.7	5.3	1.3	10.0	8.0	5.3	6.7	3.7	150
	16	22.7	12.7	10.7	10.7	7.3	2.0	1.3	8.0	6.7	6.0	12.0	4.0	150
	19	40.0	10.0	9.3	7.3	6.7	3.3	3.3	6.7	6.0	2.0	5.3	2.8	150
	22	41.3	7.3	9.3	8.0	2.7	2.7	4.0	4.0	4.7	.7	15.3	3.2	150
TOTALS		35.7	8.4	7.9	8.2	4.4	2.7	2.2	6.8	6.7	3.8	13.4	3.6	1200

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5704 SKY COVER JAN 68

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SKY COVER

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	01	45.2	8.4	7.7	3.2	5.8	1.9	1.3	1.3	2.6	2.6	20.0	3.3	155
	04	47.1	9.0	7.1	5.8	1.3	.6	1.3	1.9	2.6	1.9	21.3	3.2	155
	07	24.5	8.4	6.5	8.4	2.6	5.8	5.8	3.2	6.5	3.9	24.5	4.7	155
	10	22.6	8.4	5.2	6.5	5.8	3.9	6.5	4.5	7.1	9.0	20.6	5.0	155
	13	21.3	9.7	9.0	6.5	6.5	5.2	1.3	4.5	13.5	5.2	17.4	4.7	155
	16	20.6	11.0	11.6	5.8	3.2	7.7	2.6	9.0	8.4	3.9	16.1	4.5	155
	19	34.8	8.4	5.8	5.8	9.7	2.6	1.3	5.8	4.5	1.3	20.0	3.9	155
	22	41.3	8.4	5.8	6.5	4.5	3.2	2.6	2.6	3.2	2.6	19.4	3.5	155
TOTALS		32.2	9.0	7.3	6.1	4.9	3.9	2.8	4.1	6.1	3.8	19.9	4.1	1240

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5704 SKY COVER JAN 68

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SKY COVER

93101 EL TORO, CALIFORNIA 73-77 ALL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	29.1	10.2	8.0	6.8	4.1	3.9	4.5	5.9	6.2	4.3	17.1	4.1	1239
FEB		25.6	7.0	7.6	6.5	3.7	3.7	3.6	5.9	8.1	6.5	21.8	4.8	1128
MAR		27.3	6.3	4.9	5.4	5.0	3.7	4.2	6.3	8.5	6.4	22.3	4.9	1240
APR		31.7	6.2	7.2	5.7	4.3	3.9	2.8	4.6	6.6	4.9	22.2	4.4	1200
MAY		19.5	6.0	6.3	4.6	2.8	2.6	3.2	4.7	5.1	4.3	41.0	6.0	1240
JUN		30.6	6.9	7.3	3.1	3.3	2.4	2.1	2.4	4.6	3.1	34.3	4.9	1200
JUL		33.4	8.5	7.5	6.1	3.3	2.5	2.1	4.5	3.7	3.0	25.6	4.2	1240
AUG		35.3	10.1	9.3	4.3	3.4	2.1	1.7	2.9	3.4	1.8	25.9	4.0	1240
SEP		27.5	10.8	6.2	3.7	3.5	2.6	1.6	3.2	3.5	3.5	34.0	4.9	1200
OCT		32.7	6.5	6.1	6.0	3.9	3.9	3.1	3.6	6.6	4.2	23.6	4.4	1240
NOV		35.7	8.4	7.9	8.2	4.4	2.7	2.2	6.8	6.7	3.8	13.4	3.6	1200
DEC		32.2	9.0	7.3	6.1	4.9	3.9	2.8	4.1	6.1	3.8	19.9	4.1	1240
TOTALS		30.1	8.0	7.1	5.5	3.9	3.2	2.8	4.6	5.8	4.1	25.1	4.5	14807

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PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 45-77 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
N 115									.1				.0
N 110									.3				.0
N 105						.1	.2		.9	.4			.1
N 100				.1	.2	.6	.9	.5	2.2	1.5			.5
N 95				.4	.8	1.0	2.1	3.2	5.7	4.3	.4		1.5
N 90	.3	.1		1.9	2.2	3.2	7.7	12.3	14.0	9.0	2.0	.2	4.4
N 85	2.1	2.2	1.3	6.0	5.0	9.1	28.8	32.7	30.7	16.3	8.4	.9	12.1
N 80	6.0	6.1	5.8	11.6	12.3	25.9	65.7	70.5	53.8	31.2	10.7	4.9	26.1
N 75	12.2	13.0	14.5	23.6	29.2	58.9	96.0	97.0	84.9	54.7	31.7	12.3	44.5
N 70	24.0	29.0	29.3	44.1	62.3	87.1	100.0	99.6	98.2	86.2	51.7	27.4	61.9
N 65	41.5	52.8	55.0	72.3	89.0	97.5		100.0	100.0	97.7	78.6	51.3	78.3
N 60	69.3	80.6	85.4	94.0	98.7	100.0				100.0	96.0	79.7	92.1
N 55	92.8	96.5	97.9	99.6	100.0						99.6	96.6	98.6
N 50	99.1	100.0	100.0	100.0							99.9	99.5	99.9
N 45	99.9										100.0	100.0	100.0
N 40	100.0												100.0
N													
N													
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N													
MEAN	64.4	66.0	66.5	69.7	71.9	76.2	82.1	82.7	81.4	76.9	71.1	65.7	72.9
S. D.	8.135	7.687	7.080	7.920	6.853	6.425	5.218	5.448	7.457	8.135	8.201	7.273	9.704
TOTAL OBS.	990	904	1021	989	1022	990	1022	1020	988	1023	990	1023	11982

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

DAILY TEMPERATURES

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80									.2				.0
75									.6	.2			.1
70						.1	.9	1.4	2.8	.9	.2		.5
65	.1			.1	.1	1.3	12.3	18.6	12.0	3.2	.9	.5	4.2
60	.6	.6	.2	1.5	1.6	19.9	59.6	66.9	49.4	17.7	3.5	1.6	18.8
55	3.9	3.2	2.4	10.7	32.3	70.7	93.1	92.8	82.8	49.2	18.1	6.5	39.3
50	18.0	19.7	22.6	43.0	75.2	95.4	99.7	99.6	98.8	88.0	50.9	24.8	61.7
45	44.4	53.5	59.9	81.2	97.2	99.9	100.0	100.0	99.9	98.4	82.0	56.3	81.5
40	77.6	86.9	90.0	98.5	99.7	100.0			100.0	99.7	96.7	86.1	94.7
35	95.1	97.9	99.1	99.9	100.0					100.0	100.0	98.1	99.2
30	99.6	100.0	100.0	100.0								99.8	99.9
25	100.0											100.0	100.0
MEAN	44.1	48.0	49.6	48.7	52.3	56.3	60.2	60.9	59.3	54.8	49.6	45.6	51.9
S. D.	5.938	5.158	4.740	4.716	4.022	3.792	3.798	4.018	4.928	5.083	5.499	5.776	7.724
TOTAL OBS.	990	903	1021	989	1025	990	1022	1020	988	1022	989	1023	11980

NAVWEASERVCOM

107543

5721 Daily Temperatures Jan 1969

DAILY TEMPERATURES

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 45-77 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 95									.2				.0
≥ 90									.6	.1			.1
≥ 85						.2	.9	.1	1.8	1.0	.1		.3
≥ 80					.4	1.1	2.8	4.5	6.2	3.0	.5		1.6
≥ 75	.3	.1		1.2	1.1	3.2	17.7	24.3	19.7	9.0	2.0	.4	6.7
≥ 70	2.0	1.7	.7	5.1	4.8	19.6	66.5	72.5	52.1	21.9	8.2	2.0	21.7
≥ 65	7.4	6.8	6.4	15.2	27.7	68.8	99.4	99.1	91.5	56.3	22.4	7.3	42.7
≥ 60	17.7	21.8	24.3	45.3	75.4	97.4	100.0	100.0	100.0	93.2	52.6	24.2	63.1
≥ 55	44.7	48.4	62.0	82.6	98.2	100.0				99.1	86.1	57.2	82.7
≥ 50	79.6	89.4	93.2	99.3	100.0					100.0	98.9	88.7	95.8
≥ 45	97.3	99.1	99.7	100.0							100.0	99.2	99.6
≥ 40	99.8	100.0	100.0									100.0	100.0
≥ 35	100.0												100.0
MEAN	54.5	55.8	56.3	59.5	62.4	66.5	71.4	72.1	70.6	66.1	60.6	55.9	62.6
S. D.	6.136	5.342	4.902	5.289	4.276	4.112	3.774	3.898	5.264	5.654	5.979	5.606	8.047
TOTAL OBS.	990	903	1021	989	1022	990	1022	1020	988	1022	989	1023	11979

NAVWEASERVCOM

9721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1946-1977	JANUARY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	52.2	11.2	62.3	16.8	81	27.2	1964	42.1	5.6	34	1.1	1952
2	52.2	11.2	61.7	16.5	74	23.3	1969	42.6	5.9	34	1.1	1974
3	52.5	11.4	63.1	17.3	87	30.6	1969	42.0	5.6	31	-0.6	1952*
4	52.9	11.6	63.1	17.3	84	28.9	1969	42.7	5.9	28	-2.2	1950
5	53.8	12.1	64.8	18.2	84	28.9	1969	42.8	6.0	32	0.0	1952*
6	54.6	12.6	65.0	18.3	78	25.6	1969	44.2	6.8	30	-1.1	1950
7	54.3	12.4	64.6	18.1	84	28.9	1962	43.9	6.6	29	-1.7	1950
8	53.6	12.0	63.4	17.4	74	23.3	1962*	43.9	6.6	34	1.1	1949
9	53.9	12.2	64.5	18.1	77	25.0	1948	43.2	6.2	33	0.6	1952
10	53.2	11.8	63.0	17.2	81	27.2	1961*	43.4	6.3	29	-1.7	1949
11	53.3	11.8	63.9	17.7	79	26.1	1948	42.7	5.9	25	-3.9	1949
12	53.3	11.8	62.5	16.9	75	23.9	1975	44.1	6.7	30	-1.1	1949
13	54.2	12.3	64.5	18.1	84	28.9	1975	44.0	6.7	33	0.6	1950
14	55.4	13.0	66.0	18.9	87	30.6	1975	44.7	7.1	33	0.6	1963
15	55.6	13.1	66.5	19.2	90	32.2	1976	44.7	7.1	32	0.0	1949
16	56.1	13.4	66.8	19.3	93	33.9	1961	45.4	7.4	36	2.2	1963*
17	56.5	13.6	67.6	19.8	88	31.1	1961	45.5	7.5	34	1.1	1975
18	55.9	13.3	65.6	18.7	89	31.7	1971	46.2	7.9	34	1.1	1949
19	55.3	12.9	64.9	18.3	88	31.1	1971	45.7	7.6	36	2.2	1949
20	54.2	12.3	63.2	17.3	85	29.4	1976	45.3	7.4	33	0.6	1973
21	53.9	12.2	63.0	17.2	81	27.2	1976	44.9	7.2	36	2.2	1962*
22	54.9	12.7	64.6	18.1	80	26.7	1968	45.3	7.4	36	2.2	1966*
23	54.7	12.6	64.9	18.3	86	30.0	1953	44.6	7.0	34	1.1	1947
24	55.0	12.8	64.7	18.2	84	28.9	1951	45.3	7.4	30	-1.1	1949
25	54.8	12.7	64.0	17.8	84	28.9	1951	45.6	7.6	32	0.0	1950
26	53.1	11.7	62.7	17.1	81	27.2	1971	43.5	6.4	32	0.0	1950
27	54.2	12.3	64.5	18.1	87	30.6	1971	43.8	6.6	31	-0.6	1950
28	54.9	12.7	66.0	18.9	88	31.1	1976	43.7	6.5	33	0.6	1975*
29	54.8	12.7	65.2	18.4	84	28.9	1971	44.4	6.9	33	0.6	1947
30	53.9	12.2	64.3	17.9	81	27.2	1971	43.4	6.3	30	-1.1	1949
31	54.3	12.4	65.5	18.6	87	30.6	1954	43.1	6.2	34	1.1	1949
Monthly	54.2	12.3	64.4	18.0	93	33.9	1961	44.1	6.7	25	-3.9	1949

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1946-1977 — YEARS
FEBRUARY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	54.5	12.5	64.8	18.2	82	27.8	1976	44.3	6.8	32	0.0	1975*
2	55.2	12.9	66.6	19.2	82	27.8	1954	43.8	6.6	36	2.2	1974*
3	56.2	13.4	67.8	19.9	88	31.1	1963	44.6	7.0	34	1.1	1951
4	56.1	13.4	66.8	19.3	84	28.9	1963	45.4	7.4	36	2.2	1948
5	55.3	12.9	65.5	18.6	85	29.4	1963	45.2	7.3	37	2.8	1946
6	56.0	13.3	66.1	18.9	87	30.6	1953	46.0	7.8	38	3.3	1949*
7	56.0	13.3	66.1	18.9	88	31.1	1954	45.9	7.7	35	1.7	1948
8	55.6	13.1	65.8	18.8	89	31.7	1970	45.3	7.4	35	1.7	1949
9	55.6	13.1	65.3	18.5	86	30.0	1971	46.0	7.8	33	0.6	1949
10	55.5	13.1	65.4	18.6	86	30.0	1971	45.7	7.6	35	1.7	1949
11	56.0	13.3	65.7	18.7	85	29.4	1971	46.2	7.9	35	1.7	1948
12	55.5	13.1	66.1	18.9	94	34.4	1971	45.0	7.2	33	0.6	1946
13	55.8	13.2	66.3	19.1	88	31.1	1971	45.4	7.4	30	-1.1	1948
14	55.1	12.8	66.0	18.9	86	30.0	1977	44.2	6.8	35	1.7	1974*
15	55.2	12.9	65.8	18.8	87	30.6	1977	44.7	7.1	33	0.6	1948
16	55.5	13.1	65.8	18.8	85	29.4	1977	45.2	7.3	36	2.2	1975*
17	55.6	13.1	66.2	19.0	81	27.2	1953	45.0	7.2	32	0.0	1975
18	54.7	12.6	65.1	18.4	84	28.9	1965	44.4	6.9	34	1.1	1975
19	54.4	12.4	64.0	17.8	85	29.4	1965	44.9	7.2	37	2.8	1975*
20	55.1	12.8	66.2	19.0	81	27.2	1961	43.7	6.5	32	0.0	1974
21	55.2	12.9	66.3	19.1	79	26.1	1966*	44.0	6.7	34	1.1	1953
22	55.6	13.1	66.9	19.4	80	26.7	1976*	44.3	6.8	34	1.1	1962
23	56.2	13.4	67.1	19.5	87	30.6	1954	45.3	7.4	36	2.2	1974*
24	56.8	13.8	67.0	19.4	82	27.8	1968*	46.5	8.1	37	2.8	1953
25	56.5	13.6	67.5	19.7	84	28.9	1970	45.5	7.5	33	0.6	1962
26	55.0	12.8	65.2	18.4	78	25.6	1970	44.8	7.1	36	2.2	1962
27	55.4	13.0	66.3	19.1	85	29.4	1967	44.5	6.9	30	-1.1	1962
28	55.2	12.9	65.5	18.6	87	30.6	1967	44.9	7.2	32	0.0	1962
29	55.1	12.8	64.6	18.1	77	25.0	1968	45.5	7.5	36	2.2	1948
30												
31												
Monthly	55.5	13.1	66.0	18.9	94	34.4	1971	45.0	7.2	30	-1.1	1962*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1972

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1945-1977 — YEARS
MARCH — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	55.2	12.9	65.0	18.3	86	30.0	1967	45.3	7.4	32	0.0	1962
2	53.8	12.1	63.7	17.6	76	24.4	1972	43.9	6.6	34	1.1	1953*
3	53.3	11.8	63.9	17.7	79	26.1	1972	42.8	6.0	32	0.0	1966
4	54.2	12.3	65.3	18.5	87	30.6	1968	43.2	6.2	33	0.6	1951
5	54.8	12.7	65.3	18.5	78	25.6	1953	44.2	6.8	35	1.7	1974*
6	55.1	12.8	65.8	18.8	80	26.7	1966	44.3	6.8	37	2.8	1948
7	55.5	13.1	66.2	19.0	80	26.7	1955	44.9	7.2	37	2.8	1962*
8	55.6	13.1	65.4	18.6	81	27.2	1946	45.7	7.6	35	1.7	1964
9	54.7	12.6	64.5	18.1	81	27.2	1946	44.9	7.2	35	1.7	1974
10	53.9	12.2	63.5	17.5	75	23.9	1972*	44.3	6.8	35	1.7	1949
11	54.4	12.4	64.5	18.1	85	29.4	1959	44.3	6.8	35	1.7	1969
12	55.8	13.2	66.0	18.9	85	29.4	1959	45.6	7.6	36	2.2	1975
13	55.4	13.0	65.6	18.7	82	27.8	1947	45.2	7.3	34	1.1	1948
14	56.4	13.6	67.9	19.9	87	30.6	1951	45.0	7.2	36	2.2	1950
15	56.3	13.5	67.4	19.7	85	29.4	1951	45.2	7.3	36	2.2	1946
16	57.2	14.0	67.8	19.9	84	28.9	1971*	46.5	8.1	39	3.9	1963*
17	56.0	13.3	66.5	19.2	84	28.9	1964	45.5	7.5	37	2.8	1952
18	56.3	13.5	66.8	19.3	84	28.9	1960	45.7	7.6	36	2.2	1948
19	57.6	14.2	68.0	20.0	85	29.4	1960	47.2	8.4	39	3.9	1963
20	57.5	14.2	68.2	20.1	83	28.3	1965	46.8	8.2	35	1.7	1948
21	57.0	13.9	68.1	20.1	82	27.8	1976	45.8	7.7	37	2.8	1949*
22	56.9	13.8	67.0	19.4	84	28.9	1976	46.8	8.2	39	3.9	1948*
23	56.3	13.5	66.1	18.9	84	28.9	1953	46.5	8.1	34	1.1	1948
24	56.3	13.5	66.8	19.3	81	27.2	1968	45.8	7.7	37	2.8	1945
25	57.0	13.9	67.6	19.8	85	29.4	1947	46.4	8.0	36	2.2	1949
26	57.5	14.2	67.8	19.9	83	28.3	1969	47.2	8.4	38	3.3	1948
27	57.8	14.3	68.7	20.4	84	28.9	1969*	46.8	8.2	38	3.3	1975
28	57.6	14.2	68.1	20.1	86	30.0	1968	47.1	8.4	35	1.7	1951
29	57.8	14.3	68.6	20.3	87	30.6	1971	46.9	8.3	38	3.3	1973
30	57.4	14.1	67.5	19.7	81	27.2	1950	47.3	8.5	36	2.2	1967
31	57.7	14.3	68.1	20.1	88	31.1	1966	47.4	8.6	38	3.3	1949
Monthly	56.1	13.4	66.5	19.2	88	31.1	1966	45.6	7.6	32	0.0	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1965-1977	APRIL
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	57.5	14.2	68.2	20.1	89	31.7	1959	46.8	8.2	39	3.9	1951
2	57.7	14.3	68.0	20.0	89	31.7	1960	47.3	8.5	37	2.8	1973
3	58.3	14.6	69.4	20.8	92	33.3	1971	47.2	8.4	36	2.2	1949
4	58.9	14.9	70.9	21.6	91	32.8	1971	47.0	8.3	38	3.3	1947
5	59.3	15.2	70.8	21.6	91	32.8	1971	47.9	8.8	33	0.6	1953
6	58.6	14.8	68.9	20.5	99	37.2	1962	48.2	9.0	41	5.0	1975*
7	58.1	14.5	68.7	20.4	95	35.0	1962	47.5	8.6	36	2.2	1975
8	58.5	14.7	69.4	20.8	89	31.7	1962	47.6	8.7	40	4.4	1953
9	58.6	14.8	69.1	20.6	86	30.0	1968	48.0	8.9	40	4.4	1953
10	58.9	14.9	69.9	21.1	92	33.3	1968	47.9	8.8	37	2.8	1945
11	59.5	15.3	70.5	21.4	88	31.1	1947	48.5	9.2	39	3.9	1945
12	59.5	15.3	70.7	21.5	90	32.2	1947	48.3	9.1	38	3.3	1953
13	59.8	15.4	71.1	21.7	94	34.4	1947	48.6	9.2	40	4.4	1953*
14	60.2	15.7	71.1	21.7	97	36.1	1964	49.2	9.6	41	5.0	1976
15	61.3	16.3	73.3	22.9	101	38.3	1966	49.2	9.6	42	5.6	1976*
16	59.9	15.5	70.8	21.6	92	33.3	1948	48.9	9.4	41	5.0	1967
17	59.5	15.3	69.6	20.9	88	31.1	1969	49.3	9.6	40	4.4	1976
18	58.1	14.5	66.9	19.4	84	28.9	1950	49.4	9.7	40	4.4	1968
19	58.8	14.9	68.3	20.2	87	30.6	1965	49.4	9.7	41	5.0	1955
20	59.6	15.3	69.9	21.1	92	33.3	1969	49.2	9.6	41	5.0	1974
21	59.2	15.1	69.0	20.6	88	31.1	1958	49.3	9.6	41	5.0	1957
22	59.5	15.3	69.6	20.9	90	32.2	1962	49.5	9.7	39	3.9	1963
23	60.3	15.7	70.6	21.4	90	32.2	1966	50.0	10.0	42	5.6	1967
24	59.3	15.2	68.9	20.5	86	30.0	1966	49.7	9.8	42	5.6	1974*
25	58.8	14.9	68.9	20.5	88	31.1	1965	48.7	9.3	38	3.3	1974
26	59.2	15.1	69.2	20.7	85	29.4	1969	49.3	9.6	41	5.0	1975
27	59.7	15.4	69.7	20.9	89	31.7	1969	49.7	9.8	42	5.6	1974
28	59.7	15.4	69.5	20.8	92	33.3	1965	49.9	9.9	40	4.4	1970
29	59.7	15.4	69.2	20.7	84	28.9	1965	50.2	10.1	41	5.0	1970
30	59.8	15.4	70.0	21.1	83	28.3	1976*	49.6	9.8	40	4.4	1951
31												
Monthly	59.2	15.1	69.7	20.9	101	38.3	1966	48.7	9.3	33	0.6	1953

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1945-1977 — YEARS
MAY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	61.1	16.2	71.5	21.9	87	30.6	1947	50.6	10.3	44	6.7	1967*
2	61.6	16.4	73.0	22.8	93	33.9	1947	50.3	10.2	39	3.9	1950
3	61.3	16.3	71.7	22.1	97	36.1	1970	51.0	10.6	42	5.6	1973
4	60.5	15.8	70.6	21.4	89	31.7	1953	50.3	10.2	39	3.9	1950
5	60.3	15.7	70.2	21.2	92	33.3	1953	50.5	10.3	42	5.6	1973
6	60.4	15.8	70.3	21.3	90	32.2	1949	50.5	10.3	43	6.1	1973
7	61.1	16.2	71.1	21.7	87	30.6	1960	51.1	10.6	44	6.7	1964*
8	61.0	16.1	71.2	21.8	89	31.7	1961	50.8	10.4	40	4.4	1950
9	61.0	16.1	71.3	21.8	85	29.4	1969	50.7	10.4	40	4.4	1950
10	61.6	16.4	71.7	22.1	86	30.0	1950	51.6	10.9	43	6.1	1948
11	61.5	16.4	71.6	22.0	85	29.4	1960	51.6	10.9	45	7.2	1964
12	61.1	16.2	70.7	21.5	84	28.9	1976	51.5	10.8	43	6.1	1970
13	61.9	16.6	72.1	22.3	88	31.1	1976	51.7	10.9	45	7.2	1962*
14	61.8	16.6	71.5	21.9	93	33.9	1967	52.2	11.2	44	6.7	1968
15	62.8	17.1	72.9	22.7	101	38.3	1967	52.7	11.5	44	6.7	1968
16	62.9	17.2	73.0	22.8	101	38.3	1967	52.7	11.5	45	7.2	1974*
17	63.2	17.3	73.7	23.2	92	33.3	1970	52.6	11.4	43	6.1	1962
18	63.4	17.4	73.8	23.2	92	33.3	1955	53.1	11.7	45	7.2	1974
19	62.3	16.8	71.6	22.0	87	30.6	1971	52.9	11.6	45	7.2	1974
20	62.8	17.1	72.8	22.7	83	28.3	1960	52.9	11.6	39	3.9	1948
21	62.5	16.9	72.0	22.2	82	27.8	1967	52.9	11.6	41	5.0	1968
22	62.2	16.8	72.0	22.2	88	31.1	1967	52.4	11.3	45	7.2	1972*
23	62.0	16.7	71.2	21.8	88	31.1	1949	52.7	11.5	46	7.8	1965
24	62.9	17.2	72.4	22.4	97	36.1	1952	53.4	11.9	46	7.8	1965
25	62.7	17.1	72.2	22.3	90	32.2	1974	53.1	11.7	45	7.2	1953
26	62.9	17.2	72.2	22.3	90	32.2	1968	53.5	11.9	46	7.8	1972*
27	63.3	17.4	72.5	22.5	91	32.8	1968	54.2	12.3	48	8.9	1964*
28	63.5	17.5	73.0	22.8	98	36.7	1973	53.9	12.2	48	8.9	1964*
29	63.3	17.4	72.5	22.5	89	31.7	1972	54.2	12.3	44	6.7	1953
30	63.0	17.2	71.6	22.0	87	30.6	1972	54.4	12.4	45	7.2	1953
31	63.2	17.3	71.4	21.9	84	28.9	1946	54.9	12.7	49	9.4	1967*
Monthly	62.1	16.7	71.9	22.2	101	38.3	1967	52.3	11.3	39	3.9	1950*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1945-1977	JUNE
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	63.8	17.7	73.1	22.8	87	30.6	1970	54.5	12.5	48	8.9	1953
2	64.2	17.9	74.0	23.3	89	31.7	1970	54.4	12.4	45	7.2	1953
3	64.6	18.1	74.2	23.4	87	30.6	1957	55.1	12.8	47	8.3	1953
4	64.7	18.2	74.4	23.6	90	32.2	1957	55.1	12.8	48	8.9	1967
5	65.3	18.5	74.6	23.7	88	31.1	1972	56.0	13.3	49	9.4	1948*
6	64.6	18.1	73.8	23.2	88	31.1	1973	55.4	13.0	44	6.7	1948
7	64.3	17.9	73.4	23.0	92	33.3	1973	55.2	12.9	48	8.9	1950
8	63.6	17.6	71.7	22.1	84	28.9	1973	55.5	13.1	45	7.2	1950
9	63.5	17.5	72.0	22.2	84	28.9	1973	54.9	12.7	47	8.3	1950
10	63.9	17.7	72.9	22.7	84	28.9	1946	54.9	12.7	47	8.3	1964
11	65.2	18.4	75.2	24.0	84	28.9	1956	55.2	12.9	47	8.3	1953*
12	65.4	18.6	75.2	24.0	88	31.1	1956	55.7	13.2	46	7.8	1950
13	65.6	18.7	75.0	23.9	86	30.0	1956	56.2	13.4	48	8.9	1952
14	66.6	19.2	76.8	24.9	90	32.2	1971	56.4	13.6	51	10.6	1952
15	66.2	19.0	76.1	24.5	91	32.8	1971	56.3	13.5	49	9.4	1950*
16	65.9	18.8	75.5	24.2	87	30.6	1957	56.4	13.6	49	9.4	1950
17	66.8	19.3	76.8	24.9	99	37.2	1957	56.7	13.7	49	9.4	1974*
18	67.0	19.4	77.5	25.3	103	39.4	1957	56.5	13.6	49	9.4	1974
19	67.3	19.6	78.2	25.7	95	35.0	1973	56.5	13.6	48	8.9	1974
20	67.8	19.9	78.6	25.9	107	41.7	1973	56.9	13.8	50	10.0	1974*
21	68.0	20.0	78.5	25.8	100	37.8	1973	57.5	14.2	50	10.0	1974
22	68.0	20.0	78.0	25.6	97	36.1	1969	58.1	14.5	52	11.1	1974*
23	68.6	20.3	78.6	25.9	94	34.4	1976	58.5	14.7	51	10.6	1974
24	68.1	20.1	77.8	25.4	98	36.7	1976	58.5	14.7	52	11.1	1962
25	67.9	19.9	78.2	25.7	103	39.4	1970	57.6	14.2	48	8.9	1950
26	68.0	20.0	78.5	25.8	101	38.3	1976	57.5	14.2	49	9.4	1951
27	68.0	20.0	78.5	25.8	103	39.4	1976	57.5	14.2	48	8.9	1950
28	68.0	20.0	78.8	26.0	94	34.4	1976	57.1	13.9	51	10.6	1965*
29	68.1	20.1	79.6	26.4	89	31.7	1950	56.5	13.6	45	7.2	1950
30	68.6	20.3	80.5	26.8	92	33.3	1970	56.9	13.8	48	8.9	1947
31												
Monthly	66.3	19.1	76.2	24.6	107	41.7	1973	56.3	13.5	44	6.7	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 197

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1945-1977 — YEARS
JULY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	68.9	20.5	80.0	26.7	91	32.8	1970	57.8	14.3	51	10.6	1968*
2	69.4	20.8	80.6	27.0	108	42.2	1970	58.1	14.5	50	10.0	1962
3	69.4	20.8	80.5	26.9	100	37.8	1970	58.2	14.6	51	10.6	1963
4	69.5	20.8	80.7	27.1	105	40.6	1970	58.3	14.6	51	10.6	1963
5	69.3	20.7	80.2	26.8	101	38.3	1970	58.3	14.6	48	8.9	1948
6	69.4	20.8	80.8	27.1	97	36.1	1970	57.9	14.4	49	9.4	1948
7	70.2	21.2	82.0	27.8	94	34.4	1954	58.3	14.6	48	8.9	1948
8	70.6	21.4	82.6	28.1	96	35.6	1961	58.6	14.8	51	10.6	1964
9	71.2	21.8	83.1	28.4	94	34.4	1968	59.4	15.2	52	11.1	1952*
10	71.8	22.1	83.5	28.6	100	37.8	1959	60.1	15.6	52	11.1	1952*
11	71.5	21.9	83.0	28.3	100	37.8	1971	60.0	15.6	55	12.8	1974*
12	70.7	21.5	81.8	27.7	93	33.9	1953	59.7	15.4	52	11.1	1952
13	70.3	21.3	80.8	27.1	94	34.4	1953	59.8	15.4	51	10.6	1952
14	70.2	21.2	80.6	27.0	92	33.3	1953	59.8	15.4	51	10.6	1963
15	70.5	21.4	80.7	27.1	91	32.8	1954	60.4	15.8	55	12.8	1963*
16	70.8	21.6	81.5	27.5	88	31.1	1974*	60.2	15.7	55	12.8	1970*
17	71.3	21.8	82.5	28.1	90	32.2	1954*	60.2	15.7	55	12.8	1975*
18	71.3	21.8	81.8	27.7	90	32.2	1974*	60.8	16.0	50	10.0	1963
19	71.6	22.0	82.2	27.9	94	34.4	1951	61.0	16.1	55	12.8	1947
20	71.7	22.1	82.2	27.9	103	39.4	1960	61.2	16.2	55	12.8	1965*
21	71.4	21.9	82.0	27.8	94	34.4	1960	60.8	16.0	52	11.1	1965
22	71.1	21.7	81.7	27.6	92	33.3	1960	60.5	15.8	55	12.8	1965*
23	71.6	22.0	82.0	27.8	90	32.2	1974	61.2	16.2	54	12.2	1973
24	71.7	22.1	82.2	27.9	91	32.8	1974	61.2	16.2	53	11.7	1948
25	72.1	22.3	83.0	28.3	91	32.8	1972*	61.2	16.2	52	11.1	1948
26	72.8	22.7	83.8	28.8	98	36.7	1977	61.8	16.6	56	13.3	1970*
27	72.9	22.7	84.2	29.0	103	39.4	1972	61.6	16.4	52	11.1	1965
28	72.5	22.5	83.2	28.4	95	35.0	1972	61.8	16.6	54	12.2	1965
29	73.0	22.8	83.5	28.6	98	36.7	1972	62.4	16.9	57	13.9	1965*
30	73.1	22.8	84.1	28.9	101	38.3	1972	62.1	16.7	52	11.1	1948
31	73.1	22.8	84.0	28.9	98	36.7	1972	62.1	16.7	56	13.3	1970*
Monthly	71.1	21.7	82.1	27.8	108	42.2	1970	60.2	15.7	48	8.9	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1965-1977	AUGUST
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	72.5	22.5	83.5	28.6	96	35.6	1972	61.5	16.4	52	11.1	1968
2	72.9	22.7	83.5	28.6	96	35.6	1966	62.3	16.8	56	13.3	1965
3	71.9	22.2	81.9	27.7	90	32.2	1971*	61.9	16.6	55	12.8	1953
4	71.6	22.0	81.8	27.7	92	33.3	1971*	61.3	16.3	51	10.6	1955
5	72.0	22.2	82.6	28.1	94	34.4	1961	61.4	16.3	53	11.7	1951
6	72.7	22.6	83.8	28.8	95	35.0	1971*	61.6	16.4	51	10.6	1950
7	72.5	22.5	84.2	29.0	97	36.1	1970	60.7	15.9	50	10.0	1951*
8	73.1	22.8	84.6	29.2	100	37.8	1970	61.6	16.4	52	11.1	1948
9	72.5	22.5	83.7	28.7	98	36.7	1965	61.2	16.2	52	11.1	1949*
10	72.4	22.4	82.7	28.2	97	36.1	1965	62.2	16.8	52	11.1	1949*
11	72.0	22.2	82.2	27.9	94	34.4	1965	61.9	16.6	47	8.3	1950
12	71.6	22.0	81.8	27.7	93	33.9	1965	61.5	16.4	49	9.4	1949*
13	71.9	22.2	82.3	27.9	96	35.6	1965	61.5	16.4	54	12.2	1950
14	72.0	22.2	82.5	28.1	96	35.6	1965	61.4	16.3	52	11.1	1945
15	71.8	22.1	83.0	28.3	96	35.6	1958	60.5	15.8	47	8.3	1950
16	71.9	22.2	82.8	28.2	94	34.4	1962	61.1	16.2	52	11.1	1949
17	71.5	21.9	82.3	27.9	94	34.4	1945	60.7	15.9	52	11.1	1949*
18	71.6	22.0	82.2	27.9	93	33.9	1967*	61.0	16.1	53	11.7	1948
19	72.2	22.3	82.3	27.9	96	35.6	1973	62.0	16.7	52	11.1	1948
20	71.7	22.1	82.0	27.8	92	33.3	1961	61.4	16.3	53	11.7	1947
21	71.2	21.8	82.0	27.8	98	36.7	1969	60.5	15.8	54	12.2	1974
22	71.5	21.9	82.5	28.1	101	38.3	1969	60.5	15.8	53	11.7	1951*
23	72.1	22.3	83.8	28.8	103	39.4	1968	60.3	15.7	52	11.1	1973
24	71.4	21.9	83.2	28.4	97	36.1	1968	59.6	15.3	50	10.0	1948
25	71.7	22.1	83.5	28.6	94	34.4	1966	60.0	15.6	54	12.2	1975*
26	71.2	21.8	81.6	27.6	92	33.3	1971	60.7	15.9	53	12.8	1954
27	71.3	21.8	82.1	27.8	97	36.1	1949	60.6	15.9	51	10.6	1975
28	71.2	21.8	81.9	27.7	94	34.4	1967	60.5	15.8	52	11.1	1975
29	71.0	21.7	82.5	28.1	98	36.7	1972	59.4	15.2	53	11.7	1947
30	71.0	21.7	82.3	27.9	102	38.9	1967	59.7	15.4	53	11.7	1975*
31	70.7	21.5	82.4	28.0	101	38.3	1955	59.0	15.0	51	10.6	1970
Monthly	71.8	22.1	82.7	28.2	103	39.4	1968	60.9	16.1	47	8.3	1950

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1945-1977	SEPTEMBER
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	72.0	22.2	83.4	28.6	106	41.1	1955	60.7	15.9	50	10.0	1970
2	72.1	22.3	83.2	28.4	105	40.6	1955	60.9	16.1	52	11.1	1946
3	72.9	22.7	84.3	29.1	98	36.7	1955	61.5	16.4	57	13.9	1973*
4	72.2	22.3	83.6	28.7	100	37.8	1961	60.7	15.9	54	12.2	1965*
5	71.7	22.1	83.1	28.4	97	36.1	1955	60.3	15.7	54	12.2	1962*
6	72.1	22.3	83.8	28.8	99	37.2	1955	60.5	15.8	51	10.6	1973
7	72.4	22.4	84.2	29.0	100	37.8	1949	60.6	15.9	52	11.1	1964
8	71.9	22.2	83.6	28.7	99	37.2	1963	60.2	15.7	52	11.1	1965*
9	71.6	22.0	83.5	28.6	102	38.9	1956	59.6	15.3	50	10.0	1950
10	71.3	21.8	83.1	28.4	100	37.8	1963	59.6	15.3	50	10.0	1950*
11	71.3	21.8	82.9	28.3	106	41.1	1963	59.7	15.4	50	10.0	1952
12	70.8	21.6	81.7	27.6	104	40.0	1971	59.9	15.5	50	10.0	1961
13	70.7	21.5	82.0	27.8	108	42.2	1971	59.3	15.2	50	10.0	1966
14	69.8	21.0	80.6	27.0	99	37.2	1971	59.0	15.0	50	10.0	1970
15	69.1	20.6	79.8	26.6	91	32.8	1948	58.5	14.7	49	9.4	1970
16	69.3	20.7	79.2	26.2	94	34.4	1966	59.4	15.2	52	11.1	1972
17	68.8	20.4	78.0	25.6	92	33.3	1975	59.6	15.3	52	11.1	1973*
18	68.8	20.4	79.3	26.3	90	32.2	1956*	58.4	14.7	49	9.4	1970
19	68.1	20.1	78.4	25.8	92	33.3	1962	57.8	14.3	48	8.9	1950
20	68.2	20.1	78.9	26.1	89	31.7	1951*	57.5	14.2	45	7.2	1954
21	68.8	20.4	79.0	26.1	89	31.7	1974*	58.5	14.7	48	8.9	1954
22	69.6	20.9	81.5	27.5	95	35.0	1975	57.7	14.3	52	11.1	1950*
23	70.3	21.3	82.2	27.9	103	39.4	1975	58.4	14.7	50	10.0	1961
24	70.1	21.2	81.2	27.3	100	37.8	1975*	59.0	15.0	50	10.0	1973*
25	69.6	20.9	80.9	27.2	105	40.6	1963	58.2	14.6	50	10.0	1948
26	70.2	21.2	81.3	27.4	116	46.7	1963	59.1	15.1	44	6.7	1948
27	69.8	21.0	80.6	27.0	113	45.0	1963	59.1	15.1	47	8.3	1969
28	69.7	20.9	80.4	26.9	110	43.3	1963	59.0	15.0	50	10.0	1976*
29	69.3	20.7	80.3	26.8	106	41.1	1963	58.4	14.7	48	8.9	1948
30	68.5	20.3	78.9	26.1	93	33.9	1965	58.0	14.4	48	8.9	1948
31												
Monthly	70.4	21.3	81.4	27.4	116	46.7	1963	59.3	15.2	44	6.7	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1945-1977	OCTOBER
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	68.1	20.1	78.6	25.9	96	35.6	1965	57.7	14.3	48	8.9	1955
2	67.6	19.8	78.3	25.7	98	36.7	1965	56.9	13.8	43	6.1	1950
3	68.2	20.1	80.0	26.7	100	37.8	1958	56.3	13.5	49	9.4	1946
4	68.0	20.0	79.4	26.3	99	37.2	1953	56.5	13.6	48	8.9	1973*
5	68.5	20.3	79.9	26.6	103	39.4	1971	57.2	14.0	50	10.0	1973*
6	68.7	20.4	79.3	26.3	105	40.6	1971	58.1	14.5	47	8.3	1946
7	68.3	20.2	79.5	26.4	98	36.7	1971	57.0	13.9	46	7.8	1948
8	67.0	19.4	78.3	25.7	96	35.6	1976	55.6	13.1	47	8.3	1954
9	66.5	19.2	77.4	25.2	96	35.6	1976	55.3	12.9	45	7.2	1961
10	65.5	18.6	76.3	24.6	99	37.2	1971	54.7	12.6	45	7.2	1949
11	65.8	18.8	77.1	25.1	98	36.7	1971	54.4	12.4	47	8.3	1961
12	65.7	18.7	76.7	24.8	98	36.7	1950	54.6	12.6	47	8.3	1961
13	66.4	19.1	77.7	25.4	103	39.4	1950	55.1	12.8	49	9.4	1966
14	67.4	19.7	77.8	25.4	108	42.2	1961	57.1	13.9	49	9.4	1967
15	67.2	19.6	78.2	25.7	105	40.6	1961	56.2	13.4	49	9.4	1968
16	66.7	19.3	77.8	25.4	104	40.0	1958	55.7	13.2	48	8.9	1971
17	66.0	18.9	76.7	24.8	97	36.1	1958	55.3	12.9	44	6.7	1946
18	65.8	18.8	76.2	24.6	93	33.9	1973	55.3	12.9	45	7.2	1946
19	65.3	18.5	76.4	24.7	101	38.3	1964	54.2	12.3	38	3.3	1949
20	64.6	18.1	75.3	24.1	97	36.1	1965	53.9	12.2	41	5.0	1969
21	64.8	18.2	75.1	23.9	102	38.9	1965	54.4	12.4	39	3.9	1969
22	64.8	18.2	75.6	24.2	106	41.1	1965	54.1	12.3	45	7.2	1949
23	64.3	17.9	75.2	24.0	98	36.7	1965	53.5	11.9	44	6.7	1949
24	64.8	18.2	76.4	24.7	97	36.1	1965	53.2	11.8	45	7.2	1953
25	64.7	18.2	76.6	24.8	93	33.9	1965	52.8	11.6	45	7.2	1971
26	63.5	17.5	74.2	23.4	90	32.2	1965	52.8	11.6	46	7.8	1954*
27	64.0	17.8	74.7	23.7	98	36.7	1973	53.4	11.9	44	6.7	1949
28	64.4	18.0	75.5	24.2	92	33.3	1973*	53.2	11.8	43	6.1	1971*
29	63.7	17.6	75.2	24.0	89	31.7	1965	52.2	11.2	40	4.4	1971
30	63.5	17.5	74.7	23.7	98	36.7	1962	52.2	11.2	39	3.9	1971
31	63.3	17.4	75.1	23.9	91	32.8	1967*	51.5	10.8	42	5.6	1971*
Monthly	65.9	18.8	76.9	24.9	108	42.2	1961	54.8	12.7	38	3.3	1949

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
1945-1977 — YEARS
NOVEMBER — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	63.4	17.4	75.4	24.1	96	35.6	1966	51.4	10.8	42	5.6	1956
2	63.6	17.6	75.2	24.0	96	35.6	1976	52.1	11.2	40	4.4	1946
3	63.6	17.6	75.2	24.0	94	34.4	1950	52.0	11.1	40	4.4	1946
4	63.5	17.5	75.4	24.1	96	35.6	1976	51.6	10.9	42	5.6	1974*
5	62.8	17.1	73.6	23.1	91	32.8	1976	52.1	11.2	42	5.6	1974*
6	63.2	17.3	74.7	23.7	89	31.7	1949	51.9	11.1	42	5.6	1973
7	62.3	16.8	73.0	22.8	90	32.2	1956	51.6	10.9	46	7.8	1947
8	62.0	16.7	72.8	22.7	94	34.4	1956	51.2	10.7	42	5.6	1974*
9	62.5	16.9	74.0	23.3	97	36.1	1956	50.9	10.5	41	5.0	1946
10	61.1	16.2	72.5	22.5	92	33.3	1956	49.8	9.9	39	3.9	1946
11	60.9	16.1	71.7	22.1	87	30.6	1956	50.1	10.1	35	1.7	1950
12	60.7	15.9	70.8	21.6	88	31.1	1974*	50.5	10.3	38	3.3	1950
13	60.5	15.8	69.6	20.9	88	31.1	1949	51.3	10.7	44	6.7	1948
14	59.2	15.1	68.4	20.2	87	30.6	1949	50.1	10.1	39	3.9	1964
15	57.9	14.4	67.5	19.7	86	30.0	1949	48.3	9.1	39	3.9	1964*
16	58.5	14.7	68.4	20.2	89	31.7	1976	48.5	9.2	36	2.2	1958
17	58.8	14.9	69.1	20.6	89	31.7	1976	48.6	9.2	40	4.4	1945
18	58.9	14.9	69.4	20.8	86	30.0	1949	48.4	9.1	41	5.0	1964*
19	59.5	15.3	69.9	21.1	88	31.1	1954	49.0	9.4	38	3.3	1973*
20	59.6	15.3	69.7	20.9	89	31.7	1954	49.5	9.7	39	3.9	1973
21	58.8	14.9	68.7	20.4	85	29.4	1954	48.9	9.4	39	3.9	1953
22	58.6	14.8	69.2	20.7	91	32.8	1950	47.9	8.8	39	3.9	1962*
23	58.7	14.8	70.2	21.2	85	29.4	1975	47.1	8.4	35	1.7	1947
24	59.5	15.3	71.5	21.9	90	32.2	1975	47.5	8.6	38	3.3	1973
25	59.3	15.2	70.5	21.4	90	32.2	1977	48.0	8.9	38	3.3	1968
26	58.9	14.9	69.9	21.1	85	29.4	1977*	48.0	8.9	40	4.4	1965*
27	58.8	14.9	69.5	20.8	80	26.7	1977*	48.1	8.9	38	3.3	1973
28	58.7	14.8	69.6	20.9	80	26.7	1959	47.8	8.8	40	4.4	1952*
29	59.2	15.1	70.1	21.2	85	29.4	1977*	48.4	9.1	36	2.2	1973
30	58.0	14.4	68.6	20.3	86	30.0	1964	47.3	8.5	35	1.7	1948
31												
Monthly	60.4	15.8	71.1	21.7	97	36.1	1956	49.6	9.8	35	1.7	1950*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93101	EL TORO, CALIFORNIA	1945-1977	DECEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	57.8	14.3	67.6	19.8	88	31.1	1959	48.0	8.9	38	3.3	1948
2	57.6	14.2	68.4	20.2	91	32.8	1958	46.8	8.2	36	2.2	1973
3	57.4	14.1	67.9	19.9	93	33.9	1958	46.9	8.3	35	1.7	1973
4	56.5	13.6	66.5	19.2	82	27.8	1965	46.5	8.1	34	1.1	1948
5	56.3	13.5	66.5	19.2	79	26.1	1950	46.2	7.9	32	0.0	1948
6	56.2	13.4	66.2	19.0	85	29.4	1959	46.1	7.8	35	1.7	1951
7	56.2	13.4	66.6	19.2	80	26.7	1973*	45.8	7.7	38	3.3	1953*
8	56.2	13.4	65.7	18.7	82	27.8	1957	46.7	8.2	37	2.8	1951
9	56.4	13.6	66.5	19.2	84	28.9	1975	46.2	7.9	34	1.1	1948
10	56.2	13.4	66.7	19.3	85	29.4	1950	45.7	7.6	39	3.9	1963*
11	56.2	13.4	66.1	18.9	83	28.3	1958	46.2	7.9	32	0.0	1949
12	56.2	13.4	66.6	19.2	83	28.3	1952	45.7	7.6	32	0.0	1949
13	55.2	12.9	66.0	18.9	85	29.4	1953	44.4	6.9	35	1.7	1949
14	55.2	12.9	65.6	18.7	88	31.1	1953	44.8	7.1	34	1.1	1947
15	55.6	13.1	65.9	18.8	83	28.3	1976	45.3	7.4	37	2.8	1948*
16	56.0	13.3	66.2	19.0	84	28.9	1976	45.8	7.7	37	2.8	1948
17	55.6	13.1	65.3	18.5	80	26.7	1950	45.8	7.7	36	2.2	1975
18	54.9	12.7	64.2	17.9	78	25.6	1950	45.7	7.6	38	3.3	1948
19	55.0	12.8	65.1	18.4	81	27.2	1954	44.9	7.2	35	1.7	1975
20	55.7	13.2	66.4	19.1	85	29.4	1960	45.1	7.3	28	-2.2	1968
21	54.7	12.6	64.7	18.2	79	26.1	1960*	44.7	7.1	28	-2.2	1968
22	54.5	12.5	63.8	17.7	81	27.2	1960	45.3	7.4	34	1.1	1968
23	55.5	13.1	65.6	18.7	80	26.7	1963	45.3	7.4	34	1.1	1965
24	55.7	13.2	65.7	18.7	83	28.3	1947	45.7	7.6	31	-0.6	1948
25	55.8	13.2	65.4	18.6	83	28.3	1947	46.3	7.9	34	1.1	1961*
26	55.7	13.2	65.4	18.6	81	27.2	1956	45.9	7.7	36	2.2	1949
27	54.6	12.6	64.3	17.9	84	28.9	1956	44.8	7.1	35	1.7	1968
28	54.2	12.3	63.5	17.5	84	28.9	1963*	44.8	7.1	30	-1.1	1961
29	54.4	12.4	64.1	17.8	88	31.1	1963	44.8	7.1	34	1.1	1954
30	53.8	12.1	64.3	17.9	78	25.6	1945	43.4	6.3	30	-1.1	1949
31	53.8	12.1	64.0	17.8	82	27.8	1963	43.7	6.5	37	2.8	1951
Monthly	55.6	13.1	65.7	18.7	93	33.9	1958	45.6	7.6	28	-2.2	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			82	80	82	80	86	94	92	96	93	78	
46	78	74	84	86	84	84	90	90	92	91	78	72	92
47	78	81		94	93	81	97	95		84	78	83	
48		79	74	92	85	81	87	90	100	91	86	78	
49	69	75	71	86	90	97	86		100	91	93	75	
50	73	72	85	86		89	89		92	103	94	85	
51	84	77	87	81	84	86	94	95	91	96	85	70	96
52	76	80	84	83	97	86	89	90		88	89	83	
53	86	87	84	74	92	83		85	92	102	89	88	
54	87	88	76	79	83	81	94	94	91	85	89	81	94
55		78	82	83	92	85	85	101	106	85	89	77	
56	77	71	80	77	96	88	85	94	102	85	97	84	102
57	73	83	81		77	103	99	95	88	81	81	83	
58	79	76	70	91	83	84	88	96	95	104	80	93	104
59	77	74	85	89	78	87	100	92	99	90	86	88	100
60	75	72	85	89	87	91	103	88	99	93	81	85	103
61	93	81	85	88	89	90	96	94	100	108	86	74	108
62	84	71	78	99	91	93	90	98	96	98	81	77	99
63	82	88	77	78	79	86	88	95	116	87	83	88	116
64	81	83	84	97	84	90	88	91	93	101	88	76	101
65	86	85	83	92	84	80	92	98	93	106	80	82	106
66	79	79	88	101	83	84	91	96	94	93	96	74	101
67	77	87	86	71	101	87	93	102	100	100	88	76	102
68	82	82	87	92	91	90	98	103	100	95	84	79	103
69	87	78	84	92	85	89	90	101	93	93	90	81	101
70	72	89	82	85	97	103	108	100	99	90	85	80	108
71	89	94	87	92	89	92	100	95	108	105	89	75	108
72	85	82	82	83	90	88	103	98	90	96	80	79	103
73	78	76	70	83	98	107	89	96	98	98	84	82	107
74	76	81	74	84	90	91	91	86	93	101	88	81	101
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

192443

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	87	79	72	75	81	83	93	93	103	92	90	84	103
76	90	82		83	88	103	89	99	92	96	96	84	
77	82	87	79	87	80	82	98	89	95	87	90	81	98
MEAN	80.7	80.3	80.9	85.9	87.6	88.6	92.8	94.6	96.8	94.3	86.8	80.5	102.4
S. D.	5.884	5.807	5.400	7.206	6.190	7.093	5.879	4.586	6.028	7.068	5.286	5.112	5.142
TOTAL OBS.	930	904	961	960	992	990	992	961	930	1023	990	1023	11656

NAVWEASERVCOM

572 Extreme Values Jan 1969

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 45-77 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
47			85 30						97 29				MAX TEMP DAYS
48	81 30												MAX TEMP DAYS
49								97 29					MAX TEMP DAYS
50					86 30			91 30					MAX TEMP DAYS
52									96 29				MAX TEMP DAYS
53							97 30						MAX TEMP DAYS
55	75 30												MAX TEMP DAYS
57				75 29									MAX TEMP DAYS
76			84 30										MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			36	37	46	51	58	52	53	52	39	38	
46	35	33	36	41	45	49	53	55	50	40	39	36	33
47	33	37		38	46	48	51	53		47	35	33	
48		30	34	39	39	44	48	49	44	42	35	31	
49	25	32	35	36	42	49	54		47		42	30	
50	28		35	40	39	45	55		48	43	35	39	
51	36	34	33	39	43	49	52	50	52	46	39	35	33
52	31	36	37	44	45	47	51	55		48	39	35	
53	38	34	34	33	44	45		51	50	45	39	35	
54	37	38	36	42	43	48	55	54	45	45	42	34	34
55		38	41	41	45	47	54	55	52	48		39	
56	39	36	39	41	50	50	55	55	56	46	40	42	36
57	36	40	43		50	51	56	58	55	50	44	46	
58	44	45	41	45	50	54	56	60	55	55	36	39	36
59	46	39	45	50	49	55	61	56	59	50	51	40	39
60	36	41	44	44	48	53	53	57	55	50	39	36	36
61	38	48	43	44	48	51	54	54	50	43	38	30	30
62	33	30	32	43	43	49	50	55	53	43	39	36	30
63	33	43	35	38	47	51	50	56	56	53	44	39	33
64	37	38	35	41	44	47	51	56	52	50	38	38	35
65	37	36	44	42	46	48	51	56	51	49	40	34	34
66	36	39	32	46	50	52	55	59	50	49	42	38	32
67	40	40	36	41	44	46	56	60	58	47	39	37	36
68	35	45	42	40	44	52	51	56	54	50	38	28	28
69	34	38	35	45	47	52	55	56	52	49	46	38	34
70	38	40	40	40	43	55	55	51	49	48	45	40	38
71	36	38	41	42	46	50	58	57	49	39	43	38	36
72	36	38	42	43	45	52	55	54	52	48	46	37	36
73	33	40	38	37	42	50	54	52	50	46	38	35	33
74	33	32	35	38	41	48	53	53	50	45	42	39	32
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

192447

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93101 EL TORO, CALIFORNIA 45-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	33	32	36	36	42	51	53	51	53	46	36	35	32
76	36	41		40	50	53	59	56	57	49	43	42	
77	40	37	36	44	46	55	55	61	56	53	44	44	36
MEAN	35.7	37.5	37.8	40.9	45.2	49.9	54.0	54.9	52.0	47.3	40.5	36.8	34.0
S. D.	4.102	4.016	3.836	3.454	3.090	2.951	2.823	2.966	3.601	3.702	3.698	3.930	2.646
TOTAL OBS.	930	876	961	960	1023	990	992	961	930	992	960	1023	11598

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

192451

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 45-77 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
47			40 30						51 29				MIN TEMP DAYS
48	31 30												MIN TEMP DAYS
49								49 29		38 30			MIN TEMP DAYS
50		34 27						47 30					MIN TEMP DAYS
52									50 29				MIN TEMP DAYS
53							53 30						MIN TEMP DAYS
55	35 30										40 29		MIN TEMP DAYS
57				41 29									MIN TEMP DAYS
76			35 30										MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87															.1	.1		2	2		
86/ 85														.1	.2			3	3		
84/ 83														.3	.2			6	6		
82/ 81													.1	.1	.1			3	3		
80/ 79												.1	.4	.2				9	9		
78/ 77									.1	.1	.1	.4	.4	.3				17	17		
76/ 75								.2		.1	.2	.3	.3					13	13		
74/ 73						.1	.1		.1	.2	.2	.2	.2					11	11		
72/ 71							.1	.1	.2	.2	.4	.3						16	16		
70/ 69						.1	.2	.2	.2	.6	.7	.2						27	27		
68/ 67						.2	.3	.5	.7	.7	.2	.1						33	33		
66/ 65				.1	.2	.5	.5	.2	.5	.7	.1							35	35		
64/ 63				.1	.2	1.0	.6	.6	.5	.5								43	43	3	
62/ 61	.1	.1		.2	1.0	.6	.4	.6	.3	.6								46	46	3	1
60/ 59		.2		.9	1.2	.9	1.1	.7	.8	.4								77	77	13	1
58/ 57	.2	.5	.3	.6	1.6	1.2	.6	.9	1.1									86	86	25	5
56/ 55	.8	.7	1.1	2.1	.6	.5	.6	1.0	.3	.1								98	98	65	12
54/ 53	.8	1.4	1.2	1.9	1.6	.9	1.4	.7										122	122	95	26
52/ 51	.6	1.6	1.9	2.4	1.0	1.0	1.3	.9										133	133	121	34
50/ 49	.6	1.9	2.3	2.0	.6	1.0	.1	.1										108	108	146	56
48/ 47	1.5	2.1	1.9	1.2	1.1	.8	.1											107	107	150	88
46/ 45	.6	1.7	1.5	1.6	.5	.3	.1											77	77	157	85
44/ 43	.6	1.4	1.8	.9	.3	.1	.1											64	64	126	124
42/ 41	.5	1.3	.6	.4	.7	.3												48	48	117	90
40/ 39	.2	.5	.6	.4	.2	.2												25	25	100	93
38/ 37	.4	.2	.3	.4	.1	.1												18	18	54	95
36/ 35	.3	.2	.2	.2														11	11	33	85
34/ 33				.1														1	1	11	64
32/ 31																				14	68
30/ 29																				5	51
28/ 27																				1	47
26/ 25																					49
24/ 23																					48
22/ 21																					36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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5 PSYCHROMETRIC SUMMA JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JAN MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					24
18/ 17																					17
16/ 15																					12
14/ 13																					10
12/ 11																					8
10/ 9																					5
8/ 7																					4
6/ 5																					1
TOTAL	7.2	13.6	13.8	15.3	11.0	9.7	7.4	6.6	4.9	4.0	1.8	1.6	1.4	1.0	.5	.1		1239	1239	1239	1239

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5004972	72392	58.4	25.024	1239							
Dry Bulb	3766651	67297	54.3	9.484	1239			84.1	38.4	11.4		744.0
Wet Bulb	2713109	57497	46.4	6.022	1239		12.0					744.0
Dew Point	1829142	45940	37.1	10.079	1239		228.2					744.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1	.1			2	2		
84/ 83													.1	.1				2	2		
82/ 81											.1	.1	.3	.1				6	6		
80/ 79													.1	.1				2	2		
78/ 77											.2		.2	.2	.1			7	7		
76/ 75								.1	.2	.2	.2	.3	.2					12	12		
74/ 73									.1	.3	.2	.4	.1					12	12		
72/ 71							.1	.4	.4	.5	.3							19	19		
70/ 69					.1	.1	.4	.3	.4	.2	.5	.4						28	28		
68/ 67					.1	.4	.8	.4	.3	.3	.2							28	28		
66/ 65					.5	.5	.5	.4	.2	.8	.2							36	36		
64/ 63				.4	.8	1.2	.5	.5	.4	.3								48	48		
62/ 61		.1	.4	1.2	1.2	.7	.3	.4	.6	.2	.2							59	59	5	
60/ 59			.8	1.2	1.3	1.2	.4	.4	.7	.4	.1							74	74	14	1
58/ 57	.1	.8	1.2	1.9	1.1	1.3	.5	.7	.4									90	90	43	3
56/ 55	.7	1.8	2.4	2.2	1.3	.8	.6	.4	.4									121	121	93	16
54/ 53	.5	2.1	2.4	2.0	.7	.5	.6	.8	.2									112	112	128	39
52/ 51	.8	3.2	3.2	1.7	1.2	.8	.1	.4	.2									130	130	125	70
50/ 49	.5	2.5	2.7	1.0	.7	.4	.4	.1										93	93	145	93
48/ 47	1.1	2.1	1.9	1.0	.8	.4	.1											83	83	155	112
46/ 45	1.7	1.7	1.2	.7	.4	.2												66	66	138	122
44/ 43	1.0	.7	.4	.6	.4	.1												36	36	87	119
42/ 41	.5	.6	.4	.6	.3													27	27	78	94
40/ 39	.2	.4	.4	.4	.1													15	15	42	78
38/ 37	.4	.4	.2	.4														16	16	36	63
36/ 35	.1		.1															2	2	25	44
34/ 33		.1	.1															2	2	10	41
32/ 31																				3	33
30/ 29																				1	34
28/ 27																					40
26/ 25																					26
24/ 23																					27
22/ 21																					15
20/ 19																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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05 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | FEB MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					7
16/ 15																					6
14/ 13																					10
12/ 11																					6
10/ 9																					1
6/ 5																					1
2/ 1																					2
0/- 1																					1
-2/- 3																					1
TOTAL	7.6	16.5	17.6	15.2	11.0	8.8	5.4	5.4	4.6	3.0	2.0	1.2	.9	.5	.2			1128	1128		1128
																		1128		1128	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5182314	71380	63.3	24.298	1128							
Dry Bulb	3507663	62149	55.1	8.605	1128			70.3	25.6	6.6		672.0
Wet Bulb	2647567	54261	48.1	5.761	1128		2.4					672.0
Dew Point	1942782	45442	40.3	9.974	1128	1.2	138.8					672.0

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | MAR MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83													.1					1	1		
82/ 81													.1					1	1		
80/ 79												.1						1	1		
78/ 77				.2					.1	.1	.1		.1					6	6		
76/ 75										.3		.2						6	6		
74/ 73							.1	.1	.1	.2	.1	.2						8	8		
72/ 71						.2	.1	.2	.2	.3	.1	.2						15	15	2	
70/ 69			.1			.4	.3	.3	.1	.2	.2	.1						21	21		1
68/ 67			.1		.1	.5	.3	.3	.3	.2	.2	.2						27	27		1
66/ 65					.2	.8	.6	.3	.2	.2	.2							30	30	1	
64/ 63			.1	.5	1.0	.6	.5	.6	.1	.2	.1							46	46	1	
62/ 61			.2	.7	1.4	1.7	.6	.2	.2	.2	.1							65	65	5	1
60/ 59		.1	.3	1.9	1.9	1.3	.8	.2	.3									85	85	12	1
58/ 57		.1	.8	2.2	2.1	1.5	1.0	.2	.2	.3								104	104	42	
56/ 55		.8	2.4	1.8	2.2	.7	.2	.2										102	102	61	8
54/ 53	.8	2.4	3.3	3.1	1.0	.5	.2	.4	.2									149	149	115	28
52/ 51	.6	4.6	3.3	2.6	.6	.5	.3											156	156	174	80
50/ 49	1.0	2.4	3.1	1.6	.4	.1	.4	.2										113	113	191	116
48/ 47	.9	2.8	2.3	1.9	.2	.6	.1											110	110	181	137
46/ 45	1.5	2.3	1.5	1.6	.2	.2	.1											92	92	168	150
44/ 43	.7	1.4	1.3	.9	.2													56	56	90	147
42/ 41	.5	.2	.5	.6	.1													23	23	82	121
40/ 39	.4	.1	.6		.1													14	14	56	100
38/ 37	.1	.2		.3														7	7	36	88
36/ 35	.2																	2	2	16	60
34/ 33																				4	49
32/ 31																				3	33
30/ 29																					25
28/ 27																					18
26/ 25																					8
24/ 23																					20
22/ 21																					13
20/ 19																					16
18/ 17																					4

Element (X)	ΣX^3	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | MAR MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					1
12/ 11																					4
10/ 9																					5
8/ 7																					3
TOTAL	6.7	17.3	19.8	19.9	11.8	9.5	5.6	3.3	1.9	2.3	.9	.9	.2					1240	1240	1240	1240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6105669	83061	67.0	20.912	1240							
Dry Bulb	3694790	67028	54.1	7.602	1240			51.6	13.8	1.2		744.0
Wet Bulb	2896628	59564	48.0	5.348	1240		1.8	1.2				744.0
Dew Point	2239609	51659	41.7	8.402	1240		91.2	1.2				744.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
84/ 83														.1				1	1		
82/ 81									.2		.1	.1		.1				5	5		
80/ 79											.1	.2	.3					8	8		
78/ 77									.1	.1		.6	.4					14	14		
76/ 75								.2	.5	.2	.2	.2	.1					16	16		
74/ 73								.6	.5	.3	.1	.2	.1					22	22		
72/ 71						.1	1.1	.7	.1	.2	.1							28	28		
70/ 69						1.2	1.2	.2	.2	.2	.2	.1						38	38		
68/ 67					.2	1.2	1.2	.4	.1	.2	.1	.1						43	43		
66/ 65				.1	.7	1.9	.8	.3		.1								48	48	2	
64/ 63				.2	1.8	2.2	1.0	.7	.3	.3								78	78		
62/ 61			.1	.6	2.6	2.0	.3	.4	.2	.1								75	75	14	
60/ 59		.1	.3	2.7	2.6	1.8	.7	.2										101	101	51	
58/ 57		.4	1.5	4.9	1.7	.3	.3	.2										112	112	72	
56/ 55		.8	3.0	3.9	1.3	.3	.2	.1										116	116	110	7
54/ 53	.4	2.1	4.5	3.5	.7	.4	.2											141	141	158	27
52/ 51	.2	1.3	5.2	2.0	.5													110	110	223	82
50/ 49	.6	2.7	3.7	.8	.4													99	99	172	150
48/ 47	.2	3.1	1.7	.7	.2													71	71	160	210
46/ 45		2.3	1.4	.4														50	50	123	203
44/ 43		.7	.2	.2														13	13	71	158
42/ 41		.3	.1	.1														6	6	25	121
40/ 39		.3																4	4	13	77
38/ 37																				6	35
36/ 35																					43
34/ 33																					32
32/ 31																					20
30/ 29																					11
28/ 27																					8
26/ 25																					9
24/ 23																					3
20/ 19																					1
18/ 17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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5 PSYCHROMETRIC SUMMA JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | APR MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					1
8/ 7																					1
TOTAL	1.4	14.2	21.7	20.1	12.8	11.5	7.0	4.1	2.1	1.7	.8	1.5	.9	.2				1200	1200	1200	1200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5429887	77657	64.7	18.364	1200							
Dry Bulb	4050225	69025	57.5	8.160	1200			105.6	40.2	7.2		720.0
Wet Bulb	3104446	60774	50.6	4.705	1200							720.0
Dew Point	2394322	53136	44.3	5.880	1200		93.0					720.0

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5105 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | MAY MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																.1		1	1		
92/ 91													.1					1	1		
88/ 87											.2	.2						4	4		
86/ 85										.1	.1							2	2		
84/ 83										.1			.1					2	2		
82/ 81							.1	.1	.2			.1						5	5		
80/ 79							.1	.3	.2	.1	.1							9	9		
78/ 77							.2	.2	.2	.1	.2							12	12		
76/ 75						.3	.7	.3	.2		.2							22	22		
74/ 73						.9	.9	.2	.1	.2								27	27		
72/ 71					.3	1.5	1.5	.2	.3									46	46		
70/ 69					.7	2.7	1.0	.6	.2									64	64	1	
68/ 67				.3	1.7	2.1	1.0	.2										66	66	10	
66/ 65				.6	1.5	1.0	.6	.2										47	47	17	1
64/ 63			.4	1.4	1.6	1.3	.3	.1										63	63	35	
62/ 61		.2	1.7	3.1	2.4	.6	.2	.3										108	108	58	1
60/ 59		1.7	4.8	3.4	1.9	.2	.2											151	151	102	12
58/ 57	.2	4.6	6.4	4.4	1.2	.2												211	211	142	46
56/ 55	.6	5.7	3.6	2.5	.9	.2												168	168	257	135
54/ 53	1.5	3.9	2.5	1.9	.5	.1												129	129	248	242
52/ 51	.7	1.9	1.0	.8	.2													57	57	175	231
50/ 49		.8	.5	.6	.2													25	25	98	157
48/ 47		.2	.6	.1	.3													14	14	47	137
46/ 45		.2	.2	.1														6	6	28	119
44/ 43																				13	65
42/ 41																				8	29
40/ 39																				1	32
38/ 37																					14
36/ 35																					9
34/ 33																					7
32/ 31																					3
TOTAL	3.1	19.2	21.7	19.3	13.3	11.0	6.9	2.6	1.4	.5	.6	.2	.2			.1		1240	1240		1240
																		1240		1240	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6511506	87656	70.7	15.946	1240
Dry Bulb	4597344	74966	60.5	7.252	1240
Wet Bulb	3724723	67729	54.6	4.523	1240
Dew Point	3133948	62040	50.0	4.916	1240

Mean No. of Hours with Temperature

Element (X)	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb			156.6	51.0	10.2	.6	744.0
Wet Bulb			6.6				744.0
Dew Point		1.8					744.0

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JUN MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																.1		1	1		
102/101																	.1	1	1		
100/ 99															.1		.1	2	2		
98/ 97																	.2	2	2		
96/ 95													.1			.1	.1	3	3		
94/ 93													.1	.2	.1	.2		6	6		
92/ 91												.4	.1	.1	.1			8	8		
90/ 89										.1	.2	.2		.1				6	6		
88/ 87									.1	.1	.2	.3	.2					11	11		
86/ 85						.1			.2	.2	.1	.2		.2				10	10		
84/ 83									.3	.3	.2							10	10		
82/ 81						.2		.7	.7	.3	.1	.1	.1	.1				28	28		
80/ 79						.2	.2	1.3	.5	.2	.2	.1						33	33		
78/ 77						.2	1.5	1.1	.1	.2								38	38		
76/ 75					.2	.3	2.4	.7	.5	.1								50	50	1	
74/ 73					.2	1.4	2.2	.8		.1								57	57	2	
72/ 71				.3	.7	3.1	1.9	.2	.1	.1	.1							78	78	6	1
70/ 69				.5	1.8	2.4	1.2	.1			.1							73	73	16	
68/ 67			.2	.5	1.5	1.2	.2	.1											44	44	2
66/ 65			1.0	2.6	2.2	.6		.1										78	78	70	2
64/ 63	.1	1.2	1.0	5.6	2.2	.2												122	122	110	8
62/ 61	.1	1.0	2.8	5.7	1.7													136	136	135	34
60/ 59	.3	3.4	6.3	2.5	.2													154	154	170	75
58/ 57	.6	5.4	4.7	1.2	.2													145	145	223	153
56/ 55	.4	3.3	1.6	.3	.1													69	69	244	253
54/ 53	.2	.9	.9															24	24	121	254
52/ 51	.3	.2	.2															9	9	39	214
50/ 49		.1	.1															2	2	16	120
48/ 47																				2	41
46/ 45																				1	23
44/ 43																					7
42/ 41																					4
40/ 39																					3
38/ 37																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

PAGE 2 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					2
30/ 29																					1
TOTAL	2.0	15.6	18.7	19.3	11.0	9.9	9.6	5.2	2.5	1.7	1.1	1.2	.5	.6	.2	.3	.4	1200	1200	1200	1200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5911275	81543	68.0	17.572	1200							
Dry Bulb	5327924	79228	66.0	8.995	1200			276.6	159.6	61.2	9.0	720.0
Wet Bulb	4168865	70531	58.8	4.412	1200			41.4	1.8			720.0
Dew Point	3499482	64623	53.9	4.030	1200		1.8	1.8	.6			720.0

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DD FORM 5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | JUL MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																.1		1	1		
96/ 95												.1						1	1		
94/ 93													.1					1	1		
92/ 91										.1		.1	.1					3	3		
90/ 89										.1	.3	.1	.1	.1				8	8		
88/ 87									.2	.4	.3	.2	.1					16	16		
86/ 85								.2	.6	.6	.1	.3						22	22		
84/ 83							.3	1.0	1.0	.2	.1							32	32		
82/ 81						.1	.8	1.6	.5	.2								39	39		
80/ 79						.2	1.6	1.8	.6	.2								54	54		
78/ 77					.1	1.6	3.7	1.0	.3									84	84		
76/ 75			.1		.3	3.4	3.3	.7		.1								98	98		
74/ 73					1.5	1.6	1.9	.5										68	68	2	
72/ 71			.2	.3	1.6	2.3	.8											66	66	20	
70/ 69			.3	2.6	1.9	1.0	.2											74	74	50	1
68/ 67		.1	1.1	4.8	3.0	.5		.1										118	118	107	2
66/ 65	.1	.6	3.1	7.8	1.6	.1												165	165	162	15
64/ 63	.3	1.5	4.5	5.0	.7	.2	.1											153	153	182	56
62/ 61	.2	2.8	4.0	2.9	.2													124	124	239	141
60/ 59	.7	1.9	2.3	.6	.1	.1												70	70	248	228
58/ 57	.2	1.5	.3	.5														31	31	131	317
56/ 55	.4	.3	.1															10	10	72	246
54/ 53		.1	.1															2	2	20	123
52/ 51																				5	70
50/ 49																				2	23
48/ 47																					11
46/ 45																					1
44/ 43																					3
42/ 41																					3
TOTAL	1.9	8.9	16.1	24.4	11.0	11.0	12.7	6.9	3.3	1.7	.8	.8	.3	.1		.1			1240		1240
																		1240		1240	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5895630	83412	67.3	15.158	1240							
Dry Bulb	6070772	86226	69.5	7.773	1240			411.0	256.2	87.0	1.8	744.0
Wet Bulb	4782344	76848	62.0	3.992	1240			107.4	1.2			744.0
Dew Point	4088863	71069	57.3	3.552	1240			1.8				744.0

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PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | AUG MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97															.1			1	1		
94/ 93											.1		.1					2	2		
92/ 91										.1			.2					3	3		
90/ 89										.2								2	2		
88/ 87									.2	.2	.2							7	7		
86/ 85								.1	.6	.2								11	11		
84/ 83							.1	1.0	.8	.3	.1							28	28		
82/ 81							1.0	1.9	.9	.2								48	48		
80/ 79						.2	1.8	2.3	.5	.1								61	61		
78/ 77				.2	.2	1.4	4.5	1.2	.1									93	93		
76/ 75			.1	.1	.4	2.9	2.9	.6	.1									88	88		
74/ 73			.2	.2	1.2	2.9	1.4	.1										73	73	5	
72/ 71			.2	.6	1.8	2.2	.2	.1										62	62	14	
70/ 69			.7	1.9	2.7	.9												77	77	54	4
68/ 67			2.1	4.5	1.9	.3												110	110	113	2
66/ 65	.1	.7	4.4	5.5	2.2													160	160	167	18
64/ 63	.2	1.5	4.8	5.1	.3													146	146	191	64
62/ 61	.3	3.0	3.4	3.6	.6													135	135	224	148
60/ 59	.5	2.2	1.8	.5														61	61	209	254
58/ 57	1.0	1.2	1.0	.2	.1													42	42	146	286
56/ 55	.6	.9	.3	.1														23	23	80	218
54/ 53	.2	.2	.1															7	7	26	158
52/ 51																				11	58
50/ 49																					22
48/ 47																					4
46/ 45																					4
TOTAL	2.8	9.7	19.0	22.3	11.4	10.8	11.9	7.3	3.1	1.3	.3		.2		.1			1240	1240	1240	1240

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	9146972	85334	68.8	14.883	1240							
Dry Bulb	5983075	85607	69.0	7.673	1240			399.6	250.2	78.0	1.8	744.0
Wet Bulb	4779379	76813	61.9	4.129	1240			111.6	3.0			744.0
Dew Point	4122549	71367	57.6	3.489	1240			3.6				744.0

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | SEP MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
100/ 99																	.1	1	1		
98/ 97																	.2	2	2		
96/ 95													.1	.1			.1	3	3		
94/ 93															.1	.2	.3	7	7		
92/ 91											.2	.1	.1			.3	.1	9	9		
90/ 89										.2		.2			.1			5	5		
88/ 87									.1	.3	.3	.2		.1				12	12		
86/ 85								.3	.4	.2	.2	.2	.2					19	19		
84/ 83							.2	.4	1.0	.3	.1	.1	.1	.2				28	28		
82/ 81							.4	.7		.2		.2		.2				22	22		
80/ 79						.2	1.0	.6	.5	.2		.2	.1	.1				34	34		
78/ 77						.7	1.7	.9	.4			.1	.1					48	48		
76/ 75				.1	.2	1.5	1.9	.2	.2	.1	.2	.1	.1					54	54		
74/ 73				.1	1.2	3.2	1.9	.2		.2		.2						83	83	1	
72/ 71			.3	.7	2.2	2.9	.7			.1	.4							88	88	12	
70/ 69		.1	.7	1.2	2.4	1.9	.2			.2								80	80	34	
68/ 67	.1	.2	1.7	5.7	2.6	.2			.1	.2								128	128	64	3
66/ 65		.3	2.7	6.7	2.2					.1								144	144	108	9
64/ 63	.2	.7	3.1	4.8	.9	.2		.2										121	121	175	33
62/ 61	.3	2.3	4.0	2.4	.6													116	116	252	98
60/ 59	.4	2.8	3.0	.7														84	84	192	162
58/ 57	.5	3.1	1.0	.5	.1													62	62	168	283
56/ 55	.7	1.4	.3															29	29	117	255
54/ 53	.2	1.1																16	16	49	168
52/ 51	.1	.2																4	4	22	88
50/ 49																				5	27
48/ 47																				1	12
46/ 45																					8
44/ 43																					4
42/ 41																					5
40/ 39																					6
38/ 37																					9
36/ 35																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Humr..						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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FORM 5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
73-77 — YEARS
SEP — MONTH
PAGE 2
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					5
32/ 31																					9
30/ 29																					5
28/ 27																					3
26/ 25																					2
TOTAL	2.5	12.2	16.8	22.9	12.3	11.1	8.0	3.6	2.7	2.2	1.4	1.4	.7	.6	.2	.5	.8		1200		1200
																		1200		1200	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5836415	80793	67.3	18.192	1200							
Dry Bulb	5695079	82055	68.4	8.381	1200			374.4	196.8	71.4	8.4	720.0
Wet Bulb	4456484	72954	60.8	4.209	1200			66.6	.6			720.0
Dew Point	3749095	66727	55.6	5.680	1200		11.4	1.8				720.0

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DD 1 JAN 68 0505 PSYCHROMETRIC SUMMARY

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | OCT MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																.1	.2	4	4		
94/ 93														.1		.1		2	2		
92/ 91													.1	.1		.2		4	4		
90/ 89													.1	.1	.3	.1		7	7		
88/ 87										.2		.3	.3	.1	.1	.1	.1	14	14		
86/ 85								.1	.1		.1	.1	.2	.2				10	10		
84/ 83								.1	.2			.1	.2	.2		.2		12	12		
82/ 81							.1	.2	.2	.3		.1	.2	.1	.1			15	15		
80/ 79							.6	.7	.5	.2	.2	.1		.3				31	31		
78/ 77							.8	.5	.2	.3	.1	.4	.2	.1				32	32		
76/ 75				.1	.1	.6	1.5	.5		.1	.4	.2	.2					45	45		
74/ 73					.2	1.0	1.0	.6	.2	.1	.2	.2						44	44		
72/ 71				.2	.8	1.8	.8	.2	.1	.2	.2	.4						57	57	1	
70/ 69				.2	1.1	2.6	.9	.2	.5	.3	.2	.3						78	78	7	
68/ 67			.2	1.7	2.3	1.6	.8	.6	.2		.2							95	95	22	1
66/ 65			.8	3.9	1.9	.5	.3	.2	.2	.2	.1							101	101	47	
64/ 63		.2	1.7	5.0	1.6	.4	.2	.1	.2	.3								120	120	80	2
62/ 61		1.0	3.4	3.3	1.9	.3	.2		.2	.2								131	131	115	17
60/ 59	.2	1.8	3.2	2.7	.7	.3	.1	.2		.1								116	116	188	65
58/ 57	.6	2.2	3.6	2.5	.7	.4	.1		.3									130	130	202	124
56/ 55	.7	1.5	2.3	1.9	.4	.2	.2	.1	.2									91	91	179	193
54/ 53	.5	.9	.8	1.0	.2	.3	.2											48	48	151	185
52/ 51	.7	.9	.6	.2	.2	.1	.1											35	35	99	172
50/ 49	.2	.6		.1														10	10	63	120
48/ 47	.2	.3																7	7	45	92
46/ 45	.1																	1	1	22	53
44/ 43																				11	33
42/ 41																				6	27
40/ 39																				2	25
38/ 37																					22
36/ 35																					30
34/ 33																					5
32/ 31																					12
30/ 29																					7

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | OCT MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					10
26/ 25																					10
24/ 23																					12
22/ 21																					9
20/ 19																					4
18/ 17																					4
16/ 15																					3
14/ 13																					1
12/ 11																					2
TOTAL	3.2	9.4	16.5	22.7	12.2	10.2	7.7	4.4	3.2	2.5	1.6	2.1	1.5	1.3	.5	.6	.3		1240		1240
																		1240		1240	

Element (X)	ΣX^3	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5517912	78580	63.4	20.842	1240							
Dry Bulb	5298913	80341	64.8	8.688	1240			270.0	132.0	49.2	3.6	744.0
Wet Bulb	4014341	70257	56.7	5.212	1240			18.0				744.0
Dew Point	3182584	61904	49.9	8.625	1240		44.4	.6				744.0

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0105 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | NOV MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.2	2	2		
92/ 91																.2		3	3		
90/ 89														.2				2	2		
88/ 87													.1	.3	.3	.1		10	10		
86/ 85													.2	.2	.2			7	7		
84/ 83												.2	.4	.4	.3			17	17		
82/ 81										.1	.2	.4	.2	.3				14	14		
80/ 79									.1	.2	.7	.5	.3	.4				27	27		
78/ 77								.1		.2	.2	.3	.3	.5				21	21		
76/ 75							.2	.2	.1	.4	.3	.1	.5	.1				24	24		
74/ 73					.1	.2	.2	.3	.3	.3	.6	.4	.2					32	32		
72/ 71						.7	.7	.5	.3	.4	.7	.5	.2					49	49		
70/ 69					.2	.5	.2	.4	.6	.2	.4	.4	.1					37	37		
68/ 67					.5	.5	.8	.6	.5	.8	.1	.2						48	48		
66/ 65				.5	.3	.8	.8	.3	1.1	.4								52	52	2	
64/ 63		.1	.1	.2	1.6	1.7	.9	.7	.4	.4	.3							78	78	15	
62/ 61			.4	1.8	1.4	.8	.5	.9	.7	.4	.1							86	86	42	1
60/ 59	.3	.4	.8	2.2	1.8	.8	.7	.4	1.1	.3								109	109	62	7
58/ 57	.2	.7	1.8	2.6	1.3	.4	.8	.8	.2	.4								112	112	70	11
56/ 55	.4	.7	2.1	1.9	1.5	.7	.6	.4	.3	.1								105	105	132	35
54/ 53	.5	.9	1.9	1.3	.8	.6	.4	.2	.7									89	89	160	42
52/ 51	.2	1.3	2.2	1.1	1.2	.5			.1									79	79	139	64
50/ 49	.2	1.6	1.1	.7	.6	.2	.5	.1	.1									61	61	146	121
48/ 47	.6	1.8	1.1	.7	.6	.2	.2	.2										64	64	127	117
46/ 45	.6	.8	1.0	.3	.2	.2	.1											38	38	102	119
44/ 43	.2	.5	.2	.2		.2												16	16	85	108
42/ 41	.3	.2	.2	.2	.1													11	11	53	66
40/ 39	.2	.2	.1	.1														6	6	26	79
38/ 37																				25	62
36/ 35				.1														1	1	7	47
34/ 33																				6	56
32/ 31																				1	45
30/ 29																					46
28/ 27																					34

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

5605 PSYCHROMETRIC SUMMARY JAN 68

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PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | NOV MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					23
24/ 23																					23
22/ 21																					22
20/ 19																					19
18/ 17																					10
16/ 15																					13
14/ 13																					8
12/ 11																					5
10/ 9																					4
8/ 7																					3
6/ 5																					5
4/ 3																					2
2/ 1																					2
0/- 1																					1
TOTAL	3.7	9.2	13.0	14.1	12.2	8.9	7.7	6.3	6.7	4.9	3.7	3.1	2.6	2.3	.8	.3	.2	1200	1200	1200	1200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4285824	65202	54.3	24.894	1200							
Dry Bulb	4492581	72387	60.3	10.251	1200			175.8	95.4	40.2	1.2	720.0
Wet Bulb	3111863	60669	50.6	6.098	1200		.6					720.0
Dew Point	2086978	48334	40.3	10.812	1200	.6	159.0					720.0

NAVWEASERVCOM 14TH 2097-54321

DD FORM 5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | DEC MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81														.2	.1			3	3		
80/ 79												.4	.2	.2				10	10		
78/ 77											.2	.1	.3	.2				10	10		
76/ 75									.2	.2	.2	.2	.3					14	14		
74/ 73								.1	.1	.2	.2	.3	.3					16	16		
72/ 71							.1	.3	.6	.4	.5	.2	.2					29	29		
70/ 69					.1	.1	.4	.6	.6	.1	.4	.4						33	33		
68/ 67						.5	.6	.5	.4	.6	.7	.1						42	42		
66/ 65			.1	.2	.3	.9	.9	.7	.6	.6	.5							59	59		
64/ 63			.1	.6	1.5	1.1	.6	.2	.4	.6	.3							69	69		
62/ 61			.9	.9	2.3	.5	.9	.5	.6	.4	.2							88	88	2	
60/ 59			1.0	1.5	2.1	1.4	.5	.2	.4	.2	.1							92	92	12	1
58/ 57		.4	.6	2.3	1.8	.9	.7	.4	.6	.3								99	99	59	2
56/ 55		1.1	1.0	2.0	1.1	.9	1.5	.8	.6	.2								115	115	111	16
54/ 53	.6	.6	1.3	3.4	1.0	.4	1.1	.6	.2									115	115	121	32
52/ 51	.7	1.2	1.5	2.7	1.8	.8	.8	.6	.2									129	129	137	54
50/ 49	.4	.9	1.9	2.4	1.7	.7	.9	.4	.1									117	117	136	75
48/ 47	.3	.7	1.0	1.4	1.0	.7	.6	.2										73	73	155	92
46/ 45	.6	1.0	.6	.9	.7	.4	.2											56	56	125	106
44/ 43	1.0	.8	1.0	.1	.2	.1												41	41	124	112
42/ 41	.3	.5	.4	.2	.1													18	18	109	106
40/ 39		.3	.1	.2														7	7	76	102
38/ 37		.1	.2															4	4	42	82
36/ 35			.1															1	1	22	52
34/ 33																				8	51
32/ 31																				1	58
30/ 29																					47
28/ 27																					42
26/ 25																					33
24/ 23																					29
22/ 21																					28
20/ 19																					38
18/ 17																					27
16/ 15																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | DEC MONTH

PAGE 2

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					10
12/ 11																					8
10/ 9																					6
8/ 7																					8
6/ 5																					5
2/ 1																					2
TOTAL	4.0	7.6	12.0	18.8	15.7	9.4	9.8	6.3	5.4	3.9	3.4	1.7	1.5	.6	.1			1240	1240	1240	1240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4389758	68080	54.9	22.938	1240							
Dry Bulb	4045996	70064	56.5	8.387	1240			94.2	31.8	4.2		744.0
Wet Bulb	2878936	59304	47.8	5.868	1240		.6					744.0
Dew Point	1909202	46738	37.7	10.913	1240		214.2					744.0

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JAN 68 PSYCHROMETRIC SUMMARY

PSYCHROMETRIC SUMMARY

93101 STATION — EL TORO, CALIFORNIA STATION NAME — 73-77 YEARS — ALL MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
104/103																.0		1	1		
102/101																	.0	2	2		
100/ 99															.0		.0	3	3		
98/ 97															.0	.0	.0	7	7		
96/ 95												.0	.0	.0		.0	.0	11	11		
94/ 93											.0		.0	.0	.0	.0	.0	20	20		
92/ 91										.0	.0	.0	.0	.0	.0	.1	.0	31	31		
90/ 89										.0	.0	.0	.0	.0	.0	.0		30	30		
88/ 87									.0	.1	.1	.1	.1	.0	.0	.0	.0	76	76		
86/ 85						.0		.1	.2	.1	.0	.1	.0	.1	.0			87	87		
84/ 83							.0	.2	.3	.1	.0	.0	.1	.1	.0	.0		139	139		
82/ 81						.0	.2	.4	.2	.1	.0	.1	.1	.1	.0			189	189		
80/ 79						.1	.4	.6	.2	.1	.1	.1	.1	.1				279	279		
78/ 77				.0	.0	.3	1.1	.4	.1	.1	.1	.2	.2	.1	.0			382	382		
76/ 75			.0	.0	.1	.8	1.1	.3	.2	.1	.2	.1	.1	.0				442	442	1	
74/ 73			.0	.0	.4	1.0	.8	.3	.1	.2	.1	.2	.1					453	453	10	
72/ 71			.1	.2	.6	1.2	.7	.2	.2	.2	.2	.1	.0					553	553	55	1
70/ 69		.0	.2	.5	.9	1.2	.5	.2	.2	.2	.2	.2	.0					630	630	162	6
68/ 67	.0	.0	.4	1.5	1.2	.8	.5	.3	.2	.3	.1	.0						782	782	360	11
66/ 65	.0	.1	1.0	2.3	1.2	.6	.4	.2	.2	.3	.1							955	955	576	45
64/ 63	.1	.4	1.3	2.4	1.2	.8	.4	.3	.2	.2	.1							1087	1087	792	163
62/ 61	.1	.9	1.8	2.2	1.4	.6	.3	.3	.2	.2	.0							1169	1169	1094	442
60/ 59	.2	1.2	2.1	1.7	1.2	.7	.4	.2	.3	.1	.0							1174	1174	1273	807
58/ 57	.3	1.7	1.9	2.0	1.0	.5	.3	.3	.2	.1								1224	1224	1323	1230
56/ 55	.4	1.6	1.7	1.6	.8	.4	.3	.3	.2	.0								1047	1047	1521	1394
54/ 53	.5	1.4	1.6	1.5	.5	.3	.3	.2	.1									954	954	1392	1324
52/ 51	.4	1.4	1.6	1.1	.6	.3	.2	.2	.0									842	842	1270	1217
50/ 49	.3	1.1	1.3	.8	.4	.2	.2	.1	.0									628	628	1120	1080
48/ 47	.4	1.1	.9	.6	.4	.2	.1	.0										529	529	1023	1053
46/ 45	.4	.8	.6	.5	.2	.1	.0											386	386	864	993
44/ 43	.3	.5	.4	.2	.1	.0	.0											226	226	607	880
42/ 41	.2	.3	.2	.2	.1	.0												133	133	478	666
40/ 39	.1	.1	.1	.1	.0	.0												71	71	316	595
38/ 37	.1	.1	.1	.1	.0	.0												45	45	199	473

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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NAVAER 2097-5432/1 (REV. 8-71)

PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

93101 STATION | EL TORO, CALIFORNIA STATION NAME | 73-77 YEARS | ALL MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
36/ 35	.0	.0	.0	.0														17	17	103	376
34/ 33		.0	.0	.0														3	3	39	310
32/ 31																				22	283
30/ 29																				6	227
28/ 27																				1	202
26/ 25																					160
24/ 23																					162
22/ 21																					123
20/ 19																					125
18/ 17																					70
16/ 15																					52
14/ 13																					40
12/ 11																					34
10/ 9																					21
8/ 7																					19
6/ 5																					12
4/ 3																					2
2/ 1																					6
0/- 1																					2
- 2/- 3																					1
TOTAL	3.8	12.7	17.2	19.6	12.2	10.2	8.3	5.2	3.5	2.5	1.5	1.3	.9	.6	.2	.2	.1	14607	14607	14607	14607

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	66218134	935090	64.0	20.862	14607
Dry Bulb	56531013	896373	61.4	10.215	14607
Wet Bulb	43278685	787201	53.9	7.650	14607
Dew Point	34178556	688978	47.2	10.728	14607

Mean No. of Hours with Temperature							
	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb			2469.8	1291.0	427.8	26.4	8760.0
Wet Bulb		17.4	352.8	6.6			8760.0
Dew Point	1.8	923.8	10.8	.6			8760.0

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PSYCHROMETRIC SUMMARY JAN 68

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	49.2	49.6	48.7	51.1	54.9	59.1	63.0	62.7	62.9	59.3	54.8	51.9	55.6
	S. D.	6.637	5.455	4.560	4.234	3.238	3.829	3.046	3.789	4.771	4.744	7.037	5.837	7.259
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
04	MEAN	48.5	48.4	47.6	50.0	54.2	58.3	62.1	62.2	62.3	58.3	53.4	50.8	54.7
	S. D.	6.882	5.388	4.636	4.571	3.315	3.639	3.056	3.663	4.840	5.088	7.009	5.772	7.390
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	48.2	48.6	48.8	53.8	56.9	61.4	64.8	64.0	63.8	59.1	53.7	50.1	56.1
	S. D.	6.934	5.525	4.322	3.998	3.034	4.856	3.805	4.124	5.398	5.184	7.215	5.556	7.998
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	58.2	59.6	58.6	63.0	65.2	71.6	75.2	74.2	72.9	69.7	65.7	60.8	66.3
	S. D.	7.206	6.374	5.430	6.039	5.840	7.872	5.255	4.961	7.437	7.098	8.752	6.529	8.971
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	64.0	65.1	62.6	67.1	69.2	76.3	79.9	79.6	78.2	75.5	71.7	66.2	71.3
	S. D.	9.194	7.344	6.887	7.045	6.936	7.838	5.015	4.353	7.119	7.871	9.264	7.169	9.516
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	62.1	63.2	61.1	65.1	67.3	74.2	77.6	77.2	75.6	71.9	67.8	63.6	68.9
	S. D.	8.660	6.821	6.008	6.526	6.039	7.430	4.583	3.953	6.869	7.404	8.468	6.406	8.918
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	53.4	54.8	54.3	57.4	59.7	66.0	69.1	68.2	67.1	63.6	59.2	55.6	60.7
	S. D.	6.762	4.546	4.343	4.390	3.915	6.446	3.912	3.584	5.573	4.938	7.147	5.359	7.615
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	50.9	51.5	50.6	52.8	56.3	61.2	64.5	64.2	64.4	60.8	56.2	52.9	57.2
	S. D.	6.923	5.165	4.202	4.220	3.106	4.572	3.188	3.662	5.341	5.121	7.233	5.562	7.296
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	54.3	55.1	54.1	57.5	60.5	66.0	69.5	69.0	68.4	64.8	60.3	56.5	61.4
	S. D.	9.485	8.606	7.602	8.161	7.252	8.996	7.773	7.673	8.381	8.688	10.252	8.387	10.215
	TOTAL OBS	1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14607

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	43.2	44.5	44.9	47.0	51.7	55.4	58.9	58.8	58.1	53.6	47.3	44.7	50.7
	S. D.	5.004	4.914	4.848	3.473	3.576	2.769	2.704	3.144	3.502	4.444	5.081	4.808	7.129
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
04	MEAN	42.5	43.7	44.0	46.2	51.1	54.9	58.3	58.5	57.6	52.9	46.2	43.9	50.0
	S. D.	5.217	5.019	4.829	3.732	3.737	2.800	2.651	3.238	3.499	4.715	4.974	4.929	7.325
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	42.0	43.7	45.3	49.6	53.5	57.3	60.4	60.2	59.1	53.8	46.3	43.3	51.2
	S. D.	5.248	4.921	4.449	2.991	2.733	2.532	2.744	2.987	3.387	4.074	4.892	5.036	7.803
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	49.3	51.5	51.0	53.7	57.1	61.6	65.0	64.7	63.3	59.6	54.2	51.1	56.9
	S. D.	4.328	3.716	4.054	3.422	3.600	3.496	2.852	2.777	3.173	3.650	4.440	4.183	6.669
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	51.7	53.7	52.6	55.5	59.0	63.6	66.6	66.7	65.2	61.9	56.4	53.6	58.9
	S. D.	4.657	3.907	4.547	3.901	4.288	3.715	2.623	2.601	3.103	4.059	4.506	4.040	6.696
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	51.3	52.8	51.7	54.2	57.8	62.4	65.4	65.5	63.9	60.3	55.1	52.3	57.7
	S. D.	4.639	3.542	4.057	3.470	4.008	3.407	2.451	2.402	2.845	3.876	4.653	4.012	6.458
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	46.6	48.7	48.5	50.7	54.2	58.6	61.5	61.5	60.2	56.6	50.7	48.1	53.8
	S. D.	4.366	3.432	3.539	2.692	3.097	3.314	2.485	2.421	2.859	3.550	4.450	4.224	6.388
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	44.6	46.3	46.3	48.3	52.6	56.5	59.8	59.6	58.9	54.5	48.3	45.7	51.8
	S. D.	4.687	4.382	4.088	3.377	3.371	2.719	2.483	2.764	3.260	4.025	4.659	4.685	6.779
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	46.4	48.1	48.0	50.6	54.6	58.8	62.0	61.9	60.8	56.7	50.6	47.8	53.9
	S. D.	6.023	5.762	5.349	4.705	4.524	4.413	3.993	4.129	4.210	5.212	6.098	5.869	7.650
	TOTAL OBS	1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14607

5707 MEANS AND STANDARD DEVIATIONS JAN 68
PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	35.1	37.9	40.2	42.8	48.8	52.5	56.1	56.1	54.4	48.3	38.0	35.2	45.5
	S. D.	10.039	10.471	8.610	5.777	5.043	3.918	3.494	3.505	6.087	8.912	11.401	10.874	11.092
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
04	MEAN	34.0	37.3	39.3	42.1	48.4	52.0	55.6	55.9	54.0	47.5	37.0	34.4	44.8
	S. D.	10.393	10.285	8.957	5.729	5.191	4.259	3.715	3.789	6.432	9.187	11.274	11.030	11.354
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	33.2	37.0	40.9	45.6	50.6	54.3	57.6	57.8	55.6	48.7	37.2	33.9	46.1
	S. D.	10.645	10.556	8.701	4.880	4.277	3.425	3.342	3.272	6.029	8.810	11.293	10.695	11.839
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	39.5	43.0	43.3	45.7	51.0	55.3	58.9	59.1	57.1	51.7	43.2	40.6	49.1
	S. D.	9.627	9.488	8.612	5.543	4.743	3.11[illegible]	2.974	3.107	5.433	8.802	10.416	10.422	10.205
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	39.1	42.6	43.2	45.6	51.6	55.7	59.0	59.4	57.3	52.0	42.5	41.1	49.1
	S. D.	9.590	9.639	8.729	6.349	5.122	4.083	3.576	3.210	5.143	8.636	9.593	10.148	10.357
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	40.2	42.5	42.4	44.6	50.6	54.7	58.2	58.5	56.4	51.0	43.4	40.5	48.7
	S. D.	9.231	9.386	8.334	6.142	5.185	3.909	3.444	3.216	5.004	7.574	9.569	10.252	9.913
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	38.8	42.0	42.5	44.1	49.8	53.3	56.6	57.1	55.4	50.7	41.9	39.4	47.7
	S. D.	8.983	8.092	6.489	5.599	4.183	3.789	2.980	2.661	4.852	7.024	9.705	10.012	9.378
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	36.7	39.9	41.5	43.8	49.4	53.0	56.6	56.5	54.8	48.8	39.2	36.4	46.4
	S. D.	9.655	9.544	7.826	5.954	4.670	4.107	3.185	3.175	5.451	8.712	10.821	11.053	10.357
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	37.1	40.3	41.7	44.3	50.0	53.9	57.3	57.6	55.6	49.9	40.3	37.7	47.2
	S. D.	10.079	9.975	8.402	5.880	4.916	4.031	3.552	3.490	5.680	8.625	10.812	10.913	10.728
	TOTAL OBS	1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14607

5707 MEANS AND STANDARD DEVIATIONS JAN 68

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2

RELATIVE HUMIDITY

93101 EL TORO, CALIFORNIA 73-77 JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	97.4	87.7	75.3	69.5	61.0	42.2	29.9	17.5	63.7	154
	04	100.0	96.1	83.2	74.8	66.5	60.0	44.5	29.0	15.5	63.1	155
	07	100.0	94.8	83.9	73.5	63.9	55.5	45.8	29.7	17.4	62.4	155
	10	100.0	96.1	80.6	68.4	57.4	44.5	26.5	16.1	9.0	55.3	155
	13	100.0	85.8	65.2	55.5	38.7	24.5	16.8	9.7	5.2	45.9	155
	16	100.0	87.7	74.8	64.5	48.4	31.0	18.1	9.7	6.5	50.1	155
	19	100.0	95.5	88.4	80.6	72.9	60.0	37.4	23.2	10.3	62.9	155
	22	100.0	95.5	87.7	77.4	69.0	58.1	44.5	30.3	17.4	64.1	155
TOTALS		100.0	93.6	81.4	71.3	60.8	49.3	34.5	22.2	12.4	58.4	1239

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101 | EL TORO, CALIFORNIA | 73-77 | FEB

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	95.7	90.8	83.0	79.4	66.7	54.6	38.3	26.2	69.5	141
	04	100.0	97.9	90.1	84.4	79.4	69.5	59.6	36.2	28.4	70.5	141
	07	99.3	97.9	90.1	83.0	75.2	66.7	57.4	36.2	28.4	69.9	141
	10	99.3	92.9	85.8	76.6	64.5	48.2	39.0	23.4	9.9	59.8	141
	13	99.3	87.9	76.6	64.5	47.5	34.0	19.9	7.1	2.1	49.4	141
	16	100.0	90.1	76.6	65.2	57.4	39.7	24.1	7.1	5.0	52.2	141
	19	100.0	97.2	92.9	87.2	77.3	63.8	46.1	25.5	7.1	65.8	141
	22	100.0	97.2	90.8	86.5	76.6	68.1	53.9	37.6	24.1	69.3	141
TOTALS		99.7	94.6	86.7	78.8	69.7	57.1	44.3	26.4	16.4	63.3	1128

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RELATIVE HUMIDITY

93101 EL TORO, CALIFORNIA 73-77 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	98.1	98.1	93.5	88.4	81.3	63.9	44.5	23.2	75.2	155
	04	100.0	98.7	96.1	92.9	90.3	83.9	65.8	45.8	27.1	75.9	155
	07	100.0	98.7	96.1	92.9	89.0	85.2	67.1	51.0	33.5	77.5	155
	10	100.0	96.8	91.6	83.9	69.7	51.0	37.4	13.5	5.2	60.5	155
	13	100.0	92.9	85.8	74.2	61.3	34.8	15.5	5.2	3.2	52.9	155
	16	100.0	94.8	87.7	79.4	59.4	36.8	16.1	3.2	1.9	53.6	155
	19	100.0	99.4	98.7	91.0	83.9	69.0	45.8	15.5	3.9	66.5	155
	22	100.0	98.7	98.7	95.5	87.1	79.4	61.3	41.9	18.1	73.7	155
TOTALS		100.0	97.3	94.1	87.9	78.6	65.2	46.6	27.6	14.5	67.0	1240

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101 | EL TORO, CALIFORNIA | 73-77 | APR

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	99.3	98.7	95.3	91.3	86.0	72.0	38.7	11.3	75.2	150
	04	100.0	100.0	98.0	96.7	94.7	89.3	69.3	39.3	12.7	76.2	150
	07	100.0	100.0	98.7	97.3	94.0	88.0	64.7	33.3	14.7	75.5	150
	10	100.0	98.7	94.0	86.7	66.7	36.0	12.7	5.3	2.0	59.7	150
	13	100.0	94.0	88.0	78.0	50.7	16.7	3.3	.7		48.4	150
	16	100.0	94.7	86.7	77.3	56.7	21.3	4.7	1.3		50.0	150
	19	99.3	98.7	95.3	92.0	85.3	69.3	30.7	4.7	1.3	63.3	150
	22	99.3	99.3	98.7	97.3	91.3	87.3	68.0	30.0	4.7	73.3	150
TOTALS		99.8	98.1	94.8	90.1	78.8	61.7	40.7	19.2	5.8	64.7	1200

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101	EL TORO, CALIFORNIA	73-77	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	100.0	99.4	94.2	79.4	54.2	18.7	80.8	155
	04	100.0	100.0	100.0	100.0	100.0	95.5	81.9	56.1	20.0	81.4	155
	07	100.0	100.0	100.0	100.0	99.4	92.9	74.8	51.6	25.2	80.7	155
	10	100.0	100.0	98.1	94.8	82.6	53.5	22.6	11.6	2.6	62.0	155
	13	100.0	100.0	97.4	89.7	71.0	25.8	10.3	5.2		55.0	155
	16	100.0	100.0	98.1	90.3	74.2	36.1	9.0	2.6		56.4	155
	19	100.0	100.0	100.0	99.4	94.8	83.9	55.5	12.9	1.9	70.6	155
	22	100.0	100.0	100.0	100.0	98.7	92.9	76.1	45.8	10.3	78.7	155
TOTALS		100.0	100.0	99.2	96.8	90.0	71.9	51.2	30.0	9.8	70.7	1240

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	100.0	98.7	98.7	98.0	94.0	82.0	48.0	16.7	79.8	150
	04	100.0	100.0	98.7	98.0	96.7	95.3	86.0	56.0	23.3	81.1	150
	07	100.0	99.3	98.0	97.3	96.7	92.7	80.0	52.7	15.3	79.4	150
	10	100.0	99.3	96.0	91.3	78.7	44.0	18.0	4.7	1.3	58.5	150
	13	100.0	97.3	94.7	86.7	54.7	16.0	3.3	1.3		50.7	150
	16	100.0	97.3	93.3	85.3	62.0	26.7	3.3	1.3		52.5	150
	19	100.0	99.3	98.0	94.7	88.0	72.7	38.0	9.3		65.4	150
	22	100.0	99.3	98.7	97.3	96.0	94.0	69.3	40.0	8.7	76.2	150
TOTALS		100.0	99.0	97.0	93.7	83.9	66.9	47.5	26.7	8.2	68.0	1200

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101 EL TORO, CALIFORNIA 73-77 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	100.0	100.0	99.4	97.4	80.0	44.5	10.3	78.8	155
	04	100.0	100.0	100.0	99.4	98.1	97.4	84.5	47.7	14.8	79.9	155
	07	100.0	100.0	100.0	100.0	97.4	96.8	77.4	41.3	12.9	78.3	155
	10	100.0	100.0	100.0	96.8	78.1	34.8	9.7	1.9		57.8	155
	13	100.0	99.4	95.5	88.4	48.4	7.1	1.9			49.9	155
	16	100.0	100.0	96.1	91.0	65.2	11.6	1.3	.6		52.3	155
	19	100.0	100.0	100.0	99.4	91.6	76.8	25.2	3.2		65.1	155
	22	100.0	100.0	100.0	99.4	99.4	97.4	72.3	35.5	4.5	76.1	155
TOTALS		100.0	99.9	99.0	96.8	84.7	64.9	44.0	21.8	5.3	67.3	1240

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93101 | EL TORO, CALIFORNIA | 73-77 | AUG

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	98.7	83.9	47.7	9.7	79.6	155
	04	100.0	100.0	100.0	100.0	100.0	99.4	83.9	49.0	16.1	80.7	155
	07	100.0	100.0	100.0	100.0	99.4	98.1	81.9	54.2	17.4	80.9	155
	10	100.0	100.0	100.0	98.7	82.6	44.5	15.5	3.9	.6	60.3	155
	13	100.0	100.0	98.7	90.3	58.7	3.2	1.3	.6		50.7	155
	16	100.0	100.0	98.7	94.2	67.7	14.2	1.9			53.2	155
	19	100.0	100.0	100.0	100.0	98.7	87.1	34.2	7.7		68.2	155
	22	100.0	100.0	100.0	100.0	100.0	94.8	72.3	35.5	7.7	76.7	155
TOTALS		100.0	100.0	99.7	97.9	88.4	67.5	46.9	24.8	6.4	68.8	1240

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93101	EL TORO, CALIFORNIA	73-77	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	98.7	95.3	95.3	94.7	92.0	76.0	40.7	12.7	76.2	150
	04	100.0	98.7	96.0	94.7	94.7	92.7	74.7	42.0	17.3	77.1	150
	07	100.0	98.7	96.0	94.7	94.7	90.7	74.0	48.7	21.3	77.7	150
	10	100.0	96.0	94.7	91.3	82.7	56.7	[illegible]	10.0	1.3	60.9	150
	13	100.0	96.0	92.7	85.3	57.3	16.0	6.0	.7		50.9	150
	16	100.0	96.7	94.7	86.7	70.7	30.0	6.0	.7		53.9	150
	19	100.0	98.0	95.3	94.0	91.3	83.3	47.3	18.0	1.3	68.5	150
	22	100.0	98.7	96.0	95.3	93.3	89.3	64.7	37.3	5.3	73.5	150
TOTALS		100.0	97.7	95.1	92.2	84.9	68.8	46.3	24.8	7.4	67.3	1200

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5706 RELATIVE HUMIDITY JAN 68
PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93101 | EL TORO, CALIFORNIA | 73-77 | OCT

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	97.4	92.3	87.7	83.9	80.0	62.6	31.6	11.0	70.6	155
	04	100.0	96.8	93.5	88.4	84.5	78.7	61.3	39.4	12.9	71.3	155
	07	100.0	96.1	92.3	90.3	85.2	80.0	65.8	40.0	17.4	72.6	155
	10	99.4	91.6	86.5	80.6	72.9	49.7	25.2	12.3	4.5	57.9	155
	13	99.4	89.0	81.9	76.1	49.7	13.5	5.2	3.9	.6	47.6	155
	16	99.4	92.3	86.5	81.9	66.5	36.1	7.1	.6	.6	52.4	155
	19	100.0	98.7	92.9	89.7	85.8	76.8	35.5	14.2	1.3	65.7	155
	22	100.0	96.1	91.0	89.0	85.8	80.0	54.8	23.2	9.7	68.8	155
TOTALS		99.8	94.8	89.6	85.5	76.8	61.9	39.7	20.7	7.3	63.4	1240

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5706 RELATIVE HUMIDITY JAN 68
PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93101 — STATION
EL TORO, CALIFORNIA — STATION NAME
73-77 — PERIOD
NOV — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01	100.0	92.7	80.0	70.7	64.0	54.0	36.7	24.7	12.7	59.6	150
	04	100.0	93.3	79.3	70.0	66.0	54.0	44.0	25.3	14.0	60.5	150
	07	100.0	93.3	78.0	68.0	62.7	52.0	45.3	32.0	16.7	61.0	150
	10	100.0	84.0	72.0	64.0	54.7	39.3	21.3	11.3	4.0	50.7	150
	13	100.0	76.0	65.3	52.0	29.3	12.0	4.7	.7	.7	39.6	150
	16	100.0	88.0	70.7	65.3	48.7	27.3	4.7	1.3	.7	46.0	150
	19	100.0	94.0	85.3	73.3	64.7	52.0	34.0	13.3	4.7	58.0	150
	22	100.0	91.3	79.3	71.3	64.7	56.0	40.7	20.0	10.7	59.4	150
TOTALS		100.0	89.1	76.2	66.8	56.9	43.3	28.9	16.1	8.0	54.4	1200

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

93101	EL TORO, CALIFORNIA	73-77	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	92.9	83.9	73.5	65.2	53.5	31.0	15.5	11.0	58.6	155
	04	100.0	93.5	83.9	75.5	64.5	50.3	36.1	17.4	10.3	58.8	155
	07	100.0	95.5	86.5	74.2	63.2	51.0	31.0	17.4	8.4	58.3	155
	10	100.0	90.3	77.4	65.8	54.2	39.4	25.8	14.2	3.2	52.8	155
	13	100.0	85.2	71.6	57.4	43.2	23.2	9.0	4.5	1.3	44.9	155
	16	100.0	87.1	75.5	66.5	49.0	22.6	13.5	3.9	1.3	47.6	155
	19	100.0	92.9	85.8	78.1	69.7	55.5	28.4	14.8	6.5	59.3	155
	22	100.0	92.3	85.2	74.8	65.2	52.9	34.2	15.5	10.3	58.9	155
TOTALS		100.0	91.2	81.2	70.7	59.3	43.6	26.1	12.9	6.5	54.9	1240

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5706 RELATIVE HUMIDITY JAN 68
PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	93.6	81.4	71.3	60.8	49.3	34.5	22.2	12.4	58.4	1239
FEB		99.7	94.6	86.7	78.8	69.7	57.1	44.3	26.4	16.4	63.3	1128
MAR		100.0	97.3	94.1	87.9	78.6	65.2	46.6	27.6	14.5	67.0	1240
APR		99.8	98.1	94.8	90.1	78.8	61.7	40.7	19.2	5.8	64.7	1200
MAY		100.0	100.0	99.2	96.8	90.0	71.9	51.2	30.0	9.8	70.7	1240
JUN		100.0	99.0	97.0	93.7	83.9	66.9	47.5	26.7	8.2	68.0	1200
JUL		100.0	99.9	99.0	96.8	84.7	64.9	44.0	21.8	5.3	67.3	1240
AUG		100.0	100.0	99.7	97.9	88.4	67.5	46.9	24.8	6.4	68.8	1240
SEP		100.0	97.7	95.1	92.2	84.9	68.8	46.3	24.8	7.4	67.3	1200
OCT		99.8	94.8	89.6	85.5	76.8	61.9	39.7	20.7	7.3	63.4	1240
NOV		100.0	89.1	76.2	66.8	56.9	43.3	28.9	16.1	8.0	54.4	1200
DEC		100.0	91.2	81.2	70.7	59.3	43.6	26.1	12.9	6.5	54.9	1240
TOTALS		99.9	96.3	91.2	85.7	76.1	60.2	41.4	22.8	9.0	64.0	14607

5706 RELATIVE HUMIDITY JAN 68
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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JANUARY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		100.0								2	.2
82 TO 86	11.1	11.1		11.1			55.6	11.1		9	.7
77 TO 81	6.9	17.2	13.8		10.3	6.9	27.6	13.8	3.4	29	2.3
72 TO 76	9.4	12.5	3.1		18.8	6.3	28.1	15.6	6.3	32	2.6
67 TO 71	1.5	8.8	5.9	4.4	13.2	1.5	29.4	23.5	11.8	68	5.5
62 TO 66	5.9	5.9	12.7	1.0	11.8	6.9	34.3	10.8	10.8	102	8.2
57 TO 61	4.9	13.0	5.9	7.0	14.6	9.2	20.5	7.6	17.3	185	14.9
52 TO 56	5.2	7.6	22.9	16.7	14.2	3.1	9.0	5.6	15.6	288	23.2
47 TO 51	5.0	15.4	36.4	15.4	6.4	.7	5.4	2.1	13.2	280	22.6
42 TO 46	3.5	19.7	42.2	16.8	3.5		1.2	2.3	11.0	173	14.0
37 TO 41	1.7	18.6	44.1	15.3	3.4			1.7	15.3	59	4.8
32 TO 36	8.3	16.7	50.0		16.7				8.3	12	1.0
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.8	12.9	24.7	11.9	10.2	3.2	12.8	6.3	13.3	1239	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMPS. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) FEBRUARY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86		20.0					20.0	60.0		5	.4
77 TO 81	14.3	7.1	7.1				28.6	14.3	28.6	14	1.2
72 TO 76	6.3	12.5	3.1		6.3	6.3	34.4	21.9	9.4	32	2.8
67 TO 71	1.5	7.5	6.0	1.5	4.5	1.5	44.8	17.9	14.9	67	5.9
62 TO 66	1.8	7.1	9.7	.9	12.4	12.4	27.4	13.3	15.0	113	10.0
57 TO 61	4.6	9.8	11.9	8.2	11.3	11.3	25.8	6.7	10.3	194	17.2
52 TO 56	5.6	12.1	19.7	18.4	9.2	5.2	7.5	5.2	17.0	305	27.0
47 TO 51	3.4	10.3	45.3	13.7	7.7	1.7	.9	1.3	15.8	234	20.7
42 TO 46	5.0	20.0	49.2	12.5	1.7		.8		10.8	120	10.6
37 TO 41	2.5	12.5	42.5	22.5	7.5				12.5	40	3.5
32 TO 36			75.0						25.0	4	.4
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.3	11.3	25.3	11.5	8.2	5.2	13.6	6.3	14.4	1128	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) MARCH (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							100.0			2	.2
77 TO 81				14.3	14.3		42.9	28.6		7	.6
72 TO 76				4.8		9.5	61.9	19.0	4.8	21	1.7
67 TO 71	10.7	5.4		1.8	5.4	5.4	46.4	16.1	8.9	56	4.5
62 TO 66	5.3	2.7	.9	.9	21.2	12.4	37.2	13.3	6.2	113	9.1
57 TO 61	.9	4.1	4.6	6.0	18.4	16.6	28.6	6.9	13.8	217	17.5
52 TO 56	2.0	3.2	18.0	16.0	17.2	9.0	16.3	4.9	13.4	344	27.7
47 TO 51	3.8	9.8	37.1	14.7	7.0	1.7	5.9	2.8	17.1	286	23.1
42 TO 46	3.7	11.1	42.0	18.5	1.9	1.2	1.9	.6	19.1	162	13.1
37 TO 41		10.0	63.3	13.3	3.3				10.0	30	2.4
32 TO 36				50.0					50.0	2	.2
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.1	6.0	21.5	12.0	12.2	7.5	18.1	5.7	14.0	1240	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) APRIL (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							33.3	66.7		2	.3
77 TO 81	3.8	3.8				19.2	57.7	15.4		26	2.2
72 TO 76	5.9		2.0	5.9	7.8	7.8	43.1	19.6	7.8	51	4.3
67 TO 71	7.3	1.0	1.0	2.1	8.3	13.5	45.8	17.7	3.1	96	8.0
62 TO 66	3.7	1.2	.6	4.9	21.0	13.0	33.3	8.6	13.6	162	13.5
57 TO 61	1.6	2.8	4.4	10.3	17.5	8.7	27.8	5.2	21.8	252	21.0
52 TO 56	2.2	6.3	19.7	16.3	11.9	6.6	13.2	2.5	21.3	319	26.6
47 TO 51	3.7	11.9	40.4	20.6	4.1	.9	4.6	.9	12.8	218	18.2
42 TO 46	2.9	8.7	52.2	20.3	2.9			1.4	11.6	69	5.8
37 TO 41			75.0				25.0			4	.3
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.2	5.3	17.0	12.5	11.6	7.3	21.6	5.9	15.7	1200	100.0

NAVWEASERVCOM

5705 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) MAY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101							100.0			1	.1
92 TO 96								100.0		1	.1
87 TO 91	25.0						25.0	50.0		4	.3
82 TO 86						14.3	28.6	57.1		7	.6
77 TO 81				4.3		4.3	43.5	43.5	4.3	23	1.9
72 TO 76	2.8			1.4	11.3	7.0	46.5	28.2	2.8	71	5.7
67 TO 71	4.5	.6		2.6	11.7	13.0	46.1	15.6	5.8	154	12.4
62 TO 66	1.9	.6	3.7	2.5	26.7	14.3	34.2	9.9	6.2	161	13.0
57 TO 61	2.6	1.4	7.4	13.6	24.3	12.6	15.8	5.5	16.7	419	33.8
52 TO 56	2.4	4.0	23.1	16.4	19.1	6.1	8.5	2.7	17.6	329	26.5
47 TO 51	1.6	10.9	39.1	26.6	6.3	1.6	3.1	3.1	7.8	64	5.2
42 TO 46			83.3	16.7						6	.5
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.7	2.3	11.5	11.2	19.2	10.0	21.7	9.0	12.5	1240	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JUNE (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106								100.0		2	.2
97 TO 101							50.0	50.0		4	.3
92 TO 96					9.1		54.5	36.4		11	.9
87 TO 91	4.3						60.9	34.8		23	1.9
82 TO 86	3.1		3.1	3.1			46.9	28.1	15.6	32	2.7
77 TO 81	2.3		1.1	1.1	1.1	2.3	49.4	39.1	3.4	87	7.3
72 TO 76	2.7		.7	2.0	4.0	3.4	47.0	30.9	9.4	149	12.4
67 TO 71	3.9	.7	2.6	3.9	9.8	7.2	41.2	17.0	13.7	153	12.8
62 TO 66	1.9		6.5	6.9	22.5	7.6	25.2	11.5	17.9	262	21.8
57 TO 61	3.8	1.9	15.0	15.0	17.2	5.9	10.5	7.2	23.6	373	31.1
52 TO 56	5.1	3.0	34.3	17.2	8.1		6.1	1.0	25.3	99	8.3
47 TO 51			40.0	20.0					40.0	5	.4
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.2	.9	9.7	8.6	12.8	5.0	27.0	15.8	17.1	1200	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101	EL TORO, CALIFORNIA	JAN 1973-DEC 1977	JULY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101								100.0		1	.1
92 TO 96	33.3							66.7		3	.2
87 TO 91					3.8	7.7	53.8	30.8	3.8	26	2.1
82 TO 86	3.0			1.5	9.0	1.5	50.7	34.3		67	5.4
77 TO 81	3.0			.6	11.0	9.1	48.8	26.8	.6	164	13.2
72 TO 76	2.0		1.0	2.0	11.2	7.8	46.3	24.9	4.9	205	16.5
67 TO 71	2.3	.9	2.7	5.0	19.6	9.1	23.3	18.7	18.3	219	17.7
62 TO 66	4.6	.5	13.0	11.2	16.3	6.4	12.0	12.0	24.0	392	31.6
57 TO 61	6.6	2.0	27.8	21.9	11.3	1.3	6.0	4.0	19.2	151	12.2
52 TO 56			41.7	16.7			8.3		33.3	12	1.0
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.6	.6	8.5	7.7	13.9	6.5	26.7	18.0	14.4	1240	100.0

NAVWEASERVCOM

57 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) AUGUST (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101								100.0		1	.1
92 TO 96							100.0			2	.2
87 TO 91					8.3	16.7	33.3	33.3	8.3	12	1.0
82 TO 86	4.5				4.5	9.0	55.2	25.4	1.5	67	5.4
77 TO 81	1.7	.6		1.7	6.9	4.0	52.9	29.3	2.9	174	14.0
72 TO 76	5.7	1.0		1.0	11.9	6.7	50.8	17.1	5.7	193	15.6
67 TO 71	3.7	.5	4.6	7.8	16.6	6.0	31.3	11.5	18.0	217	17.5
62 TO 66	4.7	3.7	15.4	8.1	11.3	3.1	22.5	10.7	20.4	382	30.8
57 TO 61	8.6	6.2	29.6	16.7	1.9	1.2	4.9	10.5	20.4	162	13.1
52 TO 56	3.3	6.7	46.7	10.0	6.7			3.3	23.3	30	2.4
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.7	2.4	10.6	6.7	9.9	4.4	31.9	15.3	14.1	1240	100.0

NAVWEASERVCOM

5709 FREQ. TEMP. VS. WIND DIR. JAN 68

2178

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) | EL TORO, CALIFORNIA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | SEPTEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101							75.0	25.0		4	.3
92 TO 96	13.3					6.7	40.0	33.3	6.7	15	1.3
87 TO 91	4.8	4.8				4.8	33.3	52.4		21	1.8
82 TO 86	5.3		3.5	1.8	3.5		50.9	33.3	1.8	57	4.8
77 TO 81	3.2	4.3	1.1	1.1	8.5	4.3	42.6	28.7	6.4	94	7.8
72 TO 76	4.4	1.1	2.2	2.7	6.6	7.1	44.3	18.6	13.1	183	15.3
67 TO 71	4.8	1.2	4.0	4.4	15.6	3.6	26.4	14.4	25.6	250	20.8
62 TO 66	6.6	3.0	12.7	9.9	12.3	2.1	13.9	10.8	28.6	332	27.7
57 TO 61	4.1	4.6	32.3	12.3	6.7	.5	14.4	6.2	19.0	195	16.3
52 TO 56	4.2	12.5	58.3	4.2	4.2			2.1	14.6	48	4.0
47 TO 51			100.0							1	.1
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.1	2.9	12.6	6.4	9.8	3.0	25.5	15.2	19.6	1200	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMPS. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) OCTOBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96							100.0			6	.5
87 TO 91	4.0					4.0	52.0	36.0	4.0	25	2.0
82 TO 86	12.1	3.0				3.0	42.4	33.3	6.1	33	2.7
77 TO 81	6.0	10.4	4.5	1.5		1.5	38.8	31.3	6.0	67	5.4
72 TO 76	1.7	7.0	4.3	.9	.9	5.2	46.1	25.2	8.7	115	9.3
67 TO 71	2.9	5.9	6.4	3.9	5.9	5.4	39.2	13.2	17.2	204	16.5
62 TO 66	4.7	4.1	12.2	9.2	8.1	4.1	16.9	8.8	31.9	295	23.8
57 TO 61	3.6	4.3	25.1	11.6	8.3	.7	11.6	3.3	31.7	303	24.4
52 TO 56	1.2	6.0	42.8	12.7	4.2	.6	3.6	1.2	27.7	166	13.4
47 TO 51		12.0	60.0	8.0	8.0				12.0	25	2.0
42 TO 46		100.0								1	.1
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.5	5.4	17.7	7.7	5.7	2.8	22.8	10.9	23.5	1240	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2178

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) — EL TORO, CALIFORNIA (STATION NAME) — JAN 1973-DEC 1977 (YEARS) — NOVEMBER (MONTH) — ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96							33.3	66.7		3	.3
87 TO 91	7.1	14.3					50.0	28.6		14	1.2
82 TO 86		16.1			3.2	6.5	25.8	38.7	9.7	31	2.6
77 TO 81	5.5	14.5	5.5	1.8	9.1		32.7	21.8	9.1	55	4.6
72 TO 76	6.2	9.9	9.9	1.2	7.4		19.8	34.6	11.1	81	6.8
67 TO 71	5.5	7.3	12.8	3.7	7.9	5.5	20.2	26.6	11.0	109	9.1
62 TO 66	2.9	5.8	17.4	6.4	16.9	5.8	17.4	12.2	15.1	172	14.3
57 TO 61	3.8	6.0	26.0	14.0	7.9	7.2	12.1	5.3	17.7	265	22.1
52 TO 56	4.2	11.3	37.1	13.8	4.2	1.7	4.6	1.3	22.1	240	20.0
47 TO 51	1.9	13.3	48.1	14.6	3.2	.6	3.2	.6	14.6	158	13.2
42 TO 46	3.2	12.9	33.9	16.1	6.5			3.2	24.2	62	5.2
37 TO 41			33.3	55.6	11.1					9	.8
32 TO 36				100.0						1	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.8	9.4	26.1	10.5	7.5	3.5	12.5	10.7	16.1	1200	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

92101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) DECEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86		50.0	50.0							2	.2
77 TO 81	9.5	14.3	9.5			4.8	19.0	28.6	14.3	21	1.7
72 TO 76	5.0	10.0	7.5		7.5		25.0	37.5	7.5	40	3.2
67 TO 71	7.4	4.3	7.4	3.2	7.4	2.1	29.8	26.6	11.7	94	7.6
62 TO 66	3.6	5.4	9.6	6.0	18.7	3.6	26.5	15.1	11.4	166	13.4
57 TO 61	6.2	9.5	14.9	10.0	10.8	7.9	15.8	5.8	19.1	241	19.4
52 TO 56	4.9	11.1	37.0	14.1	8.9	3.0	2.0	2.3	16.7	305	24.6
47 TO 51	3.3	16.0	46.3	14.3	5.3	1.2	2.5	2.9	8.6	244	19.7
42 TO 46	1.9	11.1	47.2	26.9	3.7	.9	.9		7.4	108	8.7
37 TO 41		5.6	38.9	22.2	11.1				22.2	18	1.5
32 TO 36									100.0	1	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.6	10.5	28.1	11.9	9.1	3.3	11.0	7.9	13.5	1240	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2178

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) JAN 1973-DEC 1977 (YEARS) ALL (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106								100.0		2	.0
97 TO 101							54.5	45.5		11	.1
92 TO 96	7.3				2.4	2.4	51.2	34.1	2.4	41	.3
87 TO 91	3.9	3.9			1.6	4.7	47.2	36.2	2.4	127	.9
82 TO 86	4.4	2.9	1.3	1.3	3.8	3.5	47.0	32.1	3.8	315	2.2
77 TO 81	3.5	3.9	2.0	1.3	6.3	5.0	45.1	28.5	4.3	761	5.2
72 TO 76	3.9	2.7	2.2	1.8	8.0	5.8	43.6	24.0	7.9	1173	8.0
67 TO 71	4.3	2.8	4.3	4.2	11.9	6.5	33.7	17.0	15.2	1687	11.5
62 TO 66	4.2	2.9	10.7	7.1	15.8	6.4	22.1	11.2	19.6	2652	18.2
57 TO 61	4.0	4.9	16.1	12.2	13.7	7.3	16.1	6.0	19.7	2957	20.2
52 TO 56	3.6	7.4	27.4	15.5	11.5	4.5	8.2	3.3	18.6	2485	17.0
47 TO 51	3.5	12.6	41.8	15.8	5.9	1.2	3.8	1.8	13.5	1515	10.4
42 TO 46	3.4	14.7	44.7	18.3	3.0	.4	1.0	1.1	13.4	701	4.8
37 TO 41	1.3	12.5	46.9	19.4	5.6		.6	.6	13.1	160	1.1
32 TO 36	5.0	10.0	45.0	10.0	10.0				20.0	20	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.9	5.8	17.7	9.9	10.9	5.2	20.5	10.6	15.7	14607	100.0

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5709 FREQ. TEMP. VS. WIND DIR. JAN. 68

NWSD, Federal Building

Asheville, N. C.

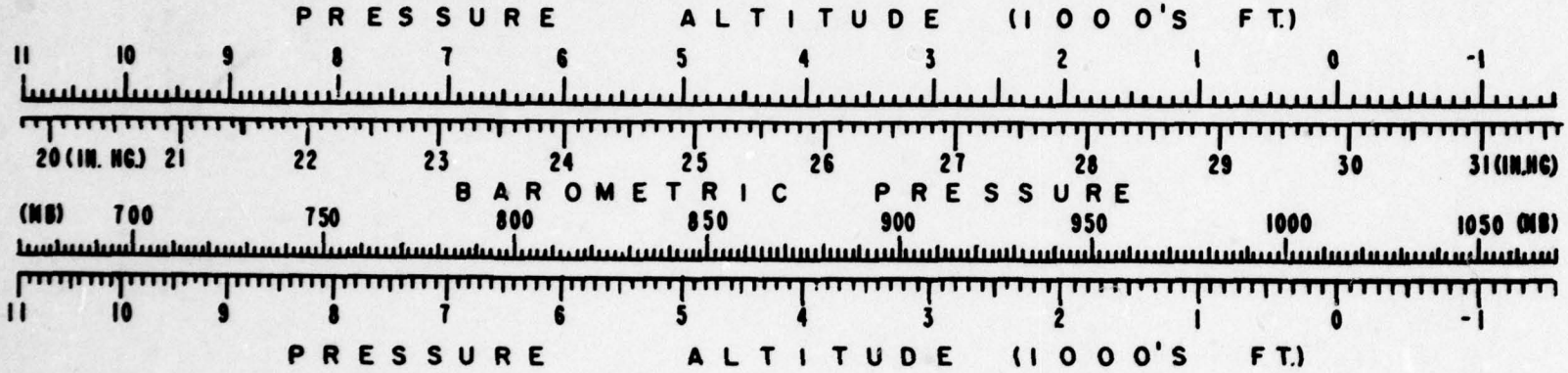
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.654	29.670	29.596	29.591	29.546	29.504	29.519	29.521	29.510	29.569	29.611	29.653	29.578
	S. D.	.107	.104	.111	.084	.069	.067	.061	.056	.064	.070	.097	.090	.101
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
04	MEAN	29.646	29.651	29.573	29.575	29.532	29.496	29.512	29.514	29.498	29.557	29.601	29.646	29.566
	S. D.	.107	.105	.111	.085	.070	.068	.060	.057	.065	.071	.096	.092	.101
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	29.661	29.670	29.599	29.604	29.558	29.522	29.542	29.545	29.528	29.580	29.625	29.664	29.591
	S. D.	.107	.105	.113	.085	.070	.067	.060	.058	.065	.071	.097	.092	.099
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	29.701	29.702	29.624	29.618	29.567	29.528	29.546	29.552	29.541	29.599	29.652	29.696	29.610
	S. D.	.106	.105	.112	.084	.069	.067	.059	.059	.068	.072	.098	.091	.105
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	29.638	29.656	29.590	29.588	29.546	29.508	29.521	29.522	29.501	29.549	29.593	29.635	29.570
	S. D.	.103	.101	.108	.083	.070	.068	.056	.059	.068	.075	.096	.090	.097
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	29.625	29.632	29.564	29.559	29.521	29.484	29.491	29.491	29.473	29.530	29.578	29.621	29.547
	S. D.	.104	.098	.107	.081	.067	.067	.058	.060	.067	.071	.097	.090	.099
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	29.648	29.654	29.578	29.570	29.532	29.490	29.497	29.496	29.490	29.554	29.601	29.642	29.562
	S. D.	.107	.099	.109	.082	.066	.068	.058	.059	.065	.071	.101	.091	.102
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	29.667	29.673	29.602	29.596	29.560	29.516	29.531	29.526	29.516	29.574	29.620	29.658	29.586
	S. D.	.107	.103	.110	.082	.067	.067	.058	.057	.064	.069	.101	.091	.100
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	29.655	29.663	29.591	29.588	29.545	29.506	29.520	29.521	29.507	29.564	29.610	29.652	29.576
	S. D.	.108	.104	.111	.085	.070	.069	.062	.062	.068	.074	.100	.093	.102
	TOTAL OBS	1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14607

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93101 (STATION) EL TORO, CALIFORNIA (STATION NAME) 73-77 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1017.9	1018.4	1015.9	1015.7	1014.1	1012.6	1013.0	1013.1	1012.7	1014.8	1016.3	1017.8	1015.2
	S. D.	3.664	3.573	3.818	2.876	2.365	2.320	2.091	1.960	2.196	2.404	3.298	3.074	3.507
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
04	MEAN	1017.6	1017.8	1015.1	1015.2	1013.7	1012.3	1012.8	1012.9	1012.4	1014.4	1016.0	1017.6	1014.8
	S. D.	3.647	3.592	3.820	2.920	2.408	2.348	2.070	1.960	2.197	2.440	3.308	3.138	3.497
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
07	MEAN	1018.2	1018.5	1016.1	1016.2	1014.6	1013.2	1013.9	1014.0	1013.4	1015.3	1016.9	1018.3	1015.7
	S. D.	3.683	3.630	3.918	2.907	2.425	2.322	2.080	2.021	2.221	2.441	3.299	3.144	3.442
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
10	MEAN	1019.5	1019.5	1016.9	1016.6	1014.9	1013.4	1014.0	1014.2	1013.8	1015.9	1017.8	1019.3	1016.3
	S. D.	3.637	3.592	3.810	2.916	2.398	2.335	2.035	2.020	2.345	2.458	3.340	3.114	3.633
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
13	MEAN	1017.3	1017.9	1015.7	1015.6	1014.1	1012.7	1013.1	1013.1	1012.4	1014.1	1015.7	1017.2	1014.9
	S. D.	3.519	3.468	3.699	2.839	2.380	2.327	1.949	2.061	2.329	2.491	3.299	3.089	3.374
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
16	MEAN	1016.9	1017.1	1014.8	1014.6	1013.3	1011.9	1012.1	1012.1	1011.5	1013.5	1015.2	1016.7	1014.1
	S. D.	3.553	3.372	3.666	2.793	2.311	2.292	2.004	2.092	2.282	2.450	3.342	3.092	3.436
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	1017.7	1018.0	1015.4	1015.0	1013.7	1012.1	1012.3	1012.3	1012.1	1014.4	1016.1	1017.5	1014.7
	S. D.	3.680	3.396	3.742	2.803	2.272	2.335	1.971	2.013	2.196	2.425	3.484	3.105	3.565
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	1018.3	1018.6	1016.1	1015.9	1014.6	1013.0	1013.5	1013.3	1013.0	1015.0	1016.7	1018.0	1015.5
	S. D.	3.662	3.536	3.775	2.813	2.307	2.318	2.002	1.997	2.193	2.358	3.458	3.103	3.483
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	1017.9	1018.2	1015.7	1015.6	1014.1	1012.7	1013.1	1013.1	1012.7	1014.7	1016.3	1017.8	1015.1
	S. D.	3.695	3.570	3.820	2.912	2.409	2.372	2.117	2.121	2.342	2.523	3.422	3.182	3.548
	TOTAL OBS	1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14607

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